

13918

RECORD

1985

FIELD MUSEUM OF NATURAL HISTORY  
ROOSEVELT ROAD AT LAKE SHORE DRIVE  
CHICAGO, ILLINOIS 60605, U.S.A.  
(312) 922-9410



DR. TIMOTHY PLOWMAN  
BOTANY DEPARTMENT

CRPT  
BOT  
Plowman  
028

1985

JANUARY	FEBRUARY	MARCH
SMTWTFS	SMTWTFS	SMTWTFS
-- -- 1 2 3 4 5	-- -- -- -- 1 2	-- -- -- -- 1 2
6 7 8 9 10 11 12	3 4 5 6 7 8 9	3 4 5 6 7 8 9
13 14 15 16 17 18 19	10 11 12 13 14 15 16	10 11 12 13 14 15 16
20 21 22 23 24 25 26	17 18 19 20 21 22 23	17 18 19 20 21 22 23
27 28 29 30 31 --	24 25 26 27 28 -- --	24 25 26 27 28 29 30
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APRIL	MAY	JUNE
SMTWTFS	SMTWTFS	SMTWTFS
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7 8 9 10 11 12 13	5 6 7 8 9 10 11	2 3 4 5 6 7 8
14 15 16 17 18 19 20	12 13 14 15 16 17 18	9 10 11 12 13 14 15
21 22 23 24 25 26 27	19 20 21 22 23 24 25	16 17 18 19 20 21 22
28 29 30 -- -- --	26 27 28 29 30 31 --	23 24 25 26 27 28 29
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JULY	AUGUST	SEPTEMBER
SMTWTFS	SMTWTFS	SMTWTFS
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7 8 9 10 11 12 13	4 5 6 7 8 9 10	8 9 10 11 12 13 14
14 15 16 17 18 19 20	11 12 13 14 15 16 17	15 16 17 18 19 20 21
21 22 23 24 25 26 27	18 19 20 21 22 23 24	22 23 24 25 26 27 28
28 29 30 31 -- --	25 26 27 28 29 30 31	29 30 -- -- -- -- --
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OCTOBER	NOVEMBER	DECEMBER
SMTWTFS	SMTWTFS	SMTWTFS
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6 7 8 9 10 11 12	3 4 5 6 7 8 9	8 9 10 11 12 13 14
13 14 15 16 17 18 19	10 11 12 13 14 15 16	15 16 17 18 19 20 21
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27 28 29 30 31 --	24 25 26 27 28 29 30	29 30 31 -- -- --
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ACCOUNT

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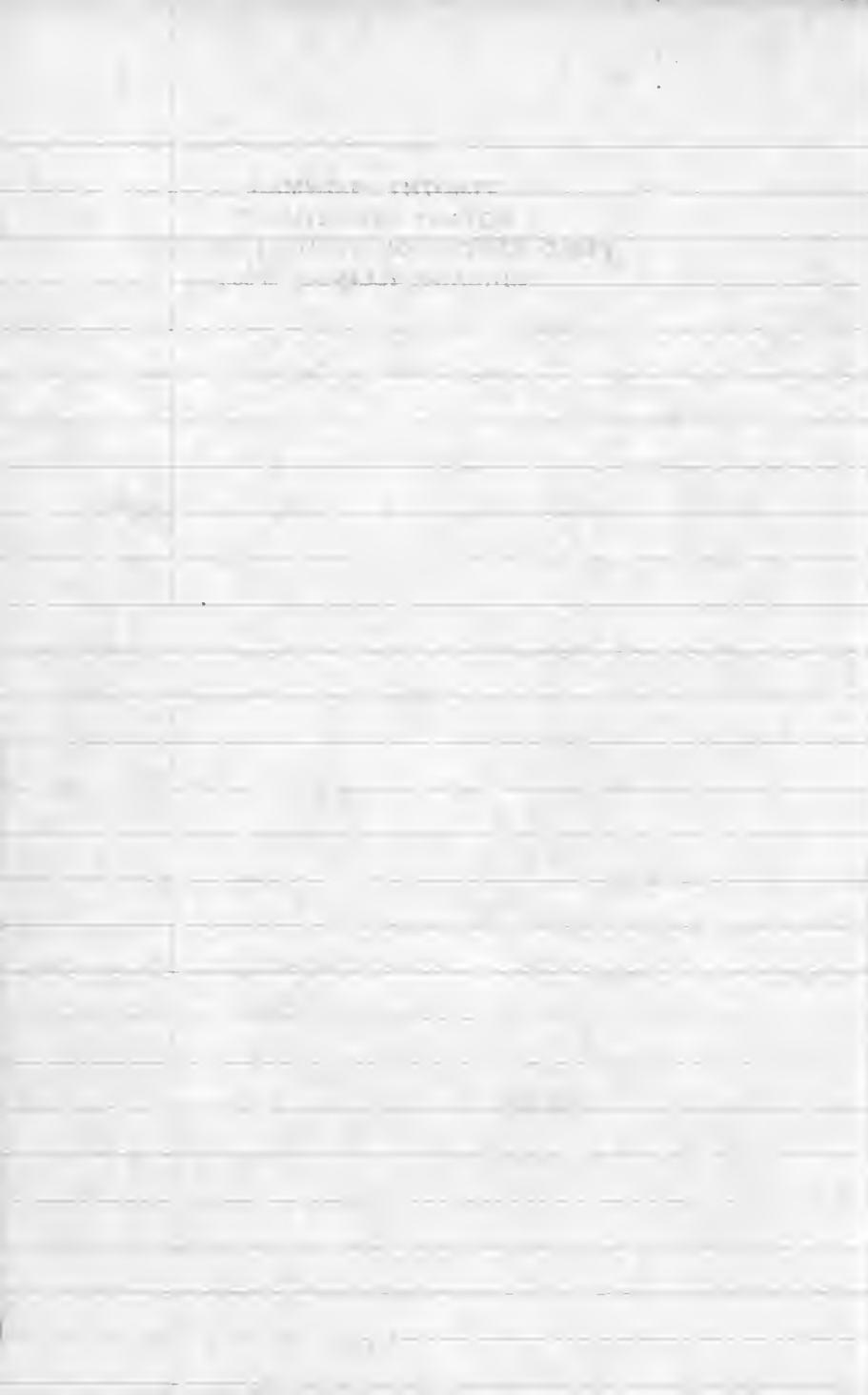
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13916

TIMOTHY PLOWMAN  
BOTANY DEPARTMENT  
FIELD MUSEUM OF NATURAL HISTORY  
CHICAGO, ILLINOIS 60605

Tel. (312) 922-9410 ext. 317





MBM

MO K  
F U  
NY

4457. *Erythroxylum deciduum* St. Hil.

WOOD

LWS for Anal.

B R A Z I L

*Erythroxylum deciduum* St. Hil.

Det. T. Plowman, 1985

Estado PARANA: Mun. Curitiba. Parque Nova Iguaçu, Curitiba. Alt. 900 m.

Tree 10 m tall in open cut-over area near bosque de Capanema. Just one individual seen. Bark dark grey with lots of longitudinal fissures. Leaves shiny dark green above with yellowish midrib, below pale green and dull with pale green midrib. Very abundant fruit set, drupes medium red and shiny.

Paul E. Berry, 23 January 1985  
Timothy Plowman & Francisco Juárez 4457  
MISSOURI BOTANICAL GARDEN HERBARIUM (MO)





JAN 26 1985

BRAZIL: Edo. Paraná, Município  
Balsa Nova. Serra São Luis do Purunã.  
Along highway BR-277. Alt. 1140 m.  
Sandstone outcrop.

26 Janeiro 1985.

Coll. P. E. Berry + T. Plowman

4468. Tibouchina

Melast.

(5)

- F Eret shrub 1.5 m. tall on dry open bank  
along road. Ovary and sepals red.  
Petals deep violet.

det. B. F. Hansen 1987.

4469. Mandevilla atrovioacea (Stadelm.) <sup>Woodson</sup> Apocyn.

(6) Twining vine 1.5 m. tall on  
open rocky bank. Stems with latex.

- F Outside Corolla tube: <sup>basal</sup> constricted part: light  
green at very base, then red; flared  
upper part: basally white, then pink streaked  
white; lobes deep red; inner corolla  
tube: basal constricted part pale  
yellow; lower half of flared part  
orange, upper half and lobes deep  
blood-red. Anthers yellow.

of.  
4469A. Aechmea nudicaulis (L.) <sup>W.</sup> Griseb. Bromel.  
= 13916 → SEL det. H. Luther 1985.

JAN 26 1985

4470.

Apocyn.

(1)

Herbaceous vine among shrubs on steep rocky open slope. Leaves light green above, very pale green beneath. Latex in stem. Flowers pale yellow.

4471.

Erioc.

(2)

Solitary herb on open disturbed sandy slope. Capitula white.

4472. Sisyrinchium macrocephalum Graham Iridac.

(5)

fl. (A) → MO  
F Herb forming dense clumps on open sandy hillside at edge of campo, somewhat disturbed. Flowers light yellow. Fruits brownish purple, shiny.  
det. J. Henrick 1985.

4473.

Ericac.

(1)

Shrub 1 m. tall on grassy campo. Fks. green.

4474.

Lobeliac.

(4)

Herb in grassy campo. Corolla tube white, limb pink.

4475. Coccocypselum guianense (Aubl.) Schum. Rubiac.  
 (5) det. J. Kirkbride 1987.

Prostrate creeping herb among  
 grasses and shrub in hillside  
 campo. Corolla violet.

4476. Declieuxia Rubiac.  
 (3)

Perennial herb in grassy campo.  
 Flowers blue-violet.

4477. Weinmannia Cunoniac.  
 (6)

Treelet 4 m. tall in forested  
 ravine. Flowers cream.

4478. Vernonia Comp.

(2) Perennial herb on open sandy  
 bank. Leaves brittle. Involucre  
 grey-green. Florets magenta.

4479. Hymenophyllum plumosum Klf. Fern  
 (4) det. R. G. Stolze 1986.

Growing on vertical sandstone  
 rocky-bank.

JAN 26 1985

4480. Erioseorus myriophyllum (Sw.) Copel. fern

(2) det. R.G. Stolze 1987

F Growing on sandy bank under  
shade of sandstone boulder.

4481 Petunia paranensis Dusén Solanec.

(6) Perennial subshrub in open  
grassy campo. Flowers magenta.  
Foliage strongly resinous-smelling.  
det. M. Nee 1987.

F  
NY

4482. Siphocampylus Cobel.

(5) Scandent herb growing in  
F crack in water fall in forested  
ravine below highway. Corolla  
tube and lobes red-orange, with  
ventral yellow spot at apex of tube  
& base of 2 lower lobes.

4483. Mendoncia PUBERULA (MART.) NEES Acanth.

(4) Climbing vine 4 m. tall in

F forest near long stream.  
Calyx pale green. Corolla white,  
reddish-purple within.

DET. D. WASSHAUSEN 1988

JAN 26 1985

BRAZIL: Estado Paraná. Mun. Balsa  
Nova. ~~Grass~~ <sup>marker</sup> Serra São Luís do Purunã.

1 km 137 ~~from~~ <sup>marker</sup> On BR-277. Along  
dirt road at Recanto Público to  
Summit of Serra São Luís.  
1120 - 1180 m.

Alt. ca. 1140 m. - 26 Jan 1985.

4484. Arrabidaea samyoides (Cham.) Sardw. Biguon

(7) Extensive liane among  
trees in forest margin along  
road. Corolla very dark red-purple  
det. A. Gentry 1987.

F  
TEX

4485.

Asclep.

(3) Climbing vine 4 m. tall in  
forest margin along road. Stems with  
latex. Sepals pale green. Petals  
abaxially light green, adaxially  
dark brown. Corolla creamy white.  
Stigma brown.

4486. Eschollonia

(4) Frequent shrub 3 m. tall.  
Flowers white.

F

JAN 26 1985

Alt. 1180. L.

4487. Commelina

Erect herb among shrubs  
and grasses on open rocky  
outcrop. Petals blue. Stems &  
leaf sheaths red-purple.

4487A. Aechmea distichantha Lemaire Bromel.  
= 13917 Terrestrial on exposed rock.  
foto det. H. Luther 1985,

→ SEL

JAN 26 1985

Brazil: Estado de Paraná. Municipio de Balsa Nova. Balsa Nova, along right bank of Rio Iguaçu.  
Alt. 885 m.

26 Jan 1985.

4488. Erythroxylum microphyllum St. Hil.

(9)

Slender Erect shrub 1 m. tall in margin of low forest along river bank, bordering pasture. Leaves shiny dark green above, very pale green, not shiny, beneath. Fruits <sup>solitary</sup> leaf axils at tips of twigs.

fotos  
①

F  
NY  
K  
G

Fruits pale orange, shiny, apparently mature.  
only 2 plants seen

4489. Symplocos

(4)

F

Tree 6 m. tall in gallery forest margin. Fruits metallic shiny blue.

JAN 26 1985

4490. Erythroxylum myrsinites Mart.

(6)

foto

(A)

F

~~erect~~<sup>low</sup> shrub 1.0 m. tall in  
margin of gallery forest bordering  
pasture. Leaves dark green, dull,  
above; pale green, dull beneath.  
Sterile.

4491. Myrsine

Celastr.

(6)

F

Tree 5 m. tall in gallery  
forest. Fruits bright orange.



JAN 28 1985


BRAZIL: Estado Paraná. Município  
Antonina. Reserva Biológica.  
Sepitendubz. (Propriedade de  
G. Hatschbach).

28 Jan 1985.

4497. Erythroxylum cuspidifolium Mert.

(6)

F

Shrub 2.5 m. tall in hillside  
forest. Trunk 3 cm. diameter.  
Branches on trunk often opposite.  
Leaves shiny dark green above; shiny  
dark green beneath; lamina slightly  
ascending with strongly undulate  
margin. Nerves prominent  
beneath, impressed above.  
Fruits few, pale green,  
sub-urceolate .

4498. Bumfelsia pumiliflora (Cham. & Schlecht.)

(6)

Benth.

fotos

F

ivy

Shrub 2 m. tall, rather  
weak and straggly, in forest under-  
story. Fruits few, terminal & soli-  
tary; Capsule & fruiting calyx  
light green.

JAN 28 1985

4499. Erythroxylum cuspidifolium Mart.

(7)

F  
fotos NY Erect shrub 2 m. tall - forest  
understory, on gentle slope. Branches  
on trunk mostly <sup>(sub)</sup>opposite. Leaves  
as in 4497.

Sterile. For chem. analysis.  
Save best sheets for vouchers.

FEB 2 1985

BRAZIL: Estado da Rio de Janeiro.

Mun. Cabo Frio. Arraial do Cabo.

Pratia grande.

2 Feb 1985.

13918. Erythroxylum ovalifolium Peyr. Erythrox.  
(4)

- A F Densely branched Shrub 1.5 m. tall in open  
K restinga among dunes. Leaves dark  
green above with pale green midrib;  
pale green beneath. Fls. creamy  
white. Long-styled plant.

13919. Erythroxylum ovalifolium Peyr. Erythrox.  
(5)

- A F Densely branched Shrub 1.5 m. tall  
NY in open restinga among dunes,  
(leeward side!). Leaves dark green  
above with pale green midrib, pale  
green beneath. Fls. creamy white.  
Short-styled plant.

FEB 2 1985

13920. Erythroxylum subrotundum St. Hil.

(4)

- A F Slender shrub 1.5 m. tall in  
NY low, protected areas in partial shade  
US in open restinga among dunes.  
Leaves medium green <sup>above</sup> with light green  
~~green~~ midrib; pale green beneath;  
lvs mildly undulate. Fls. cream.  
Immature fruit pale green.

13921. Soroea guilleminiana Godichaud Morce.  
(2) det. W. Burger 1985.

- F Shrub 2 m. tall in protected  
NY areas in open restinga. Leaves dark  
shiny green above, pale green beneath.  
Infl. cream with reddish tinge.

FEB 12 1985

BRASIL: Estado de Rio de Janeiro.  
Município de Niterói. Morro  
de Alto Moirão

12 Fevereiro 1985

Coll. T. Plowman, H. C. de Lima,  
& R. Andreata.

Alt.

13922. Erythroxylum frangulifolium St. Hil. Erythrox.  
(10)

F  
K  
NY  
US  
MO  
SPF  
MBM  
G

Arbusto alto frondoso com  
5 m. de altura crescendo na  
mata na beira do caminho, semi-  
ombrófilo. Folhas discoloras,  
com a margem undulada. Flores  
poucas, cremes. Frutos poucas,  
vermelhos-escuros (vinosos).  
Abundante.

Alt.

13923. Metternichia principis Mikan Solanac  
(6)

F  
K  
NY

Arvore-pequena com 6 m. de  
altura crescendo na beira da  
mata próximo a florescimento

FEB 12 1985

rochoso, heliofila. Cálice verde  
claro. Corolla verde na base,  
branca no tubo e ápice.

Alt.

13924. Inga plana (Vell.) I. Alves Legum.  
(3) det. C. Niezgodz 1985.

F  
NY Árvore pequena com  
 $\pm 5$  m. de altura. Folhas  
brilhantes, levemente dis-  
colores. Botões florais verde  
claro. Umbrofila, na beira  
do caminho.

Alt.

13925. Chomelia brasiliensis A. Rich. Rubiac.  
(5) det. B. Boom 1985.

F  
NY Arbusto frondoso com  $\pm 4$   
m. de altura, crescendo na  
mata na beira de caminho  
semi-ombrofilo. Folhas  
levemente discolores. Flores  
cremes. Frutos imaturos  
verdes.

Alt.

Erythrox

13926. Erythroxylum frangulifolium St. Hil.

(4)

F  
NY

Árvore pequena com 5-6 m.  
de altura crescendo na beira  
de mata próxima à zfloramento  
rochoso, heliófila. Folhas verdes,  
discolores, verdes, ondulada  
na margem. Frutos imaturos  
vermelhos escuros (vinosos).  
Ocasional nesta altitude.

13927. Psychotroma ilicifolium Mull. Arg. Euphorb

(4)

F

Árvore com 10 m. de altura  
e 20 cm. de diâmetro, crescendo  
na mata, ou brofita. Folhas  
verdes escuras, brilhantes, na face  
dorsal, verde claro na face  
ventral. Flores estaminadas  
em botão verde claros. Frutos  
imaturos verde, imaturos  
marrom.

FEB 12 1985

13928. HERRERIA

LILIAC.

(4)

E. ZARDINI 1991

F

Subarbusto com 60 cm de altura crescendo na mata, ombrófilo. Folhas verdes escuras, concólores, levemente brilhantes. Flores verdes pálidas.

13929. Erythroxylum goudichaudii Peyr. <sup>Erythrox.</sup>

(3)

F

Arbusto com 1 m. de altura crescendo na mata em cima da crista, umbrofila; rara (só 2 indivíduos vistos), ramos horizontais, retos; ramificado desde perto do solo. Folhas firme-membráceas, planas, verdes escuras, brilhantes na face dorsal com 25 nervuras principais um pouco impressas; verdes pálidas; pouco brilhantes na face ventral. Flores cremes. Frutos imaturos verde-pálidos.



13930. Erythroxylum goudichaudii Poir. Erythrox  
(3)

F Arbusto com 60 cm de altura.  
outros dados = 13929.

— Alt.

13931. Dorstenia

Moraceae

(2)

F

~~Her~~ Erva ereta crescendo  
em solo na encosta da pedra,  
heliófila. Folhas verdes, levemente  
discolores. Inflorescência  
verde.

13932. Kielmeyera membranacea

Guttif.

(4)

F  
K

Arvore com 5 m de altura  
crescendo na encosta da  
pedra, heliofila. Folhas  
verdes, discolores, brilhantes.  
Pétalas cremes. Estames amarelos.  
Flores cheirosas,

FEB 12 1985

perfumadas. Frutos imaturos  
verdes.

13933 Tillandsia

Bromel.

(2)

Erva rhizomatosa rupícola  
crescendo em cima de pedra,  
rupícola. Folhas gris-verdes,  
mais escuras no ápice.

Pedunculo verde pálido. Bracteias  
rosas escuras.

13934. Peperomia

Piperac.

(2)

F Erva carnosa rupícola helio-  
fita crescendo em cima da  
pedra. Folhas carnosas verdes,  
discolores. Espigas verdes  
claras - amareladas, verdes  
quando com frutos.

73935. Rhipsalis CEREOIDES (BACHEL. Cactac.  
(2) DET. J. A. LOMBARDI 1989 <sup>& VOLL</sup>) CASTEL.

F

Cacto carnosos decumbente  
rupicoliz heliófiliz crescendo  
em cima da pedra. Telhos  
verdes clz ros. Flores  
cremes.

FEB 14 1985

BRAZIL: Estado de Rio de Janeiro.  
Mun. Cabo Frio. 4 km south of  
Barragem do São João on road to  
Cabo Frio. Remnants of mata de  
restinga on east side of road.  
14 FEB 1985

Coll. T. Plowman & D. S. Dunn de Araújo.

13936. Erythroxylum passerinum Mart. Erythrox.  
(11)

F

fotos  
Fl → (A)

Mo

Ny

K

G

Shrub or treelet 2.5 m. tall  
in open disturbed restinga along  
road. Leaves medium green above,  
shiny, with pale green midrib;  
shiny light green beneath.  
Fl. buds pale green. Immature  
fruits pale green. ↓ Fls. cream.

13937. Erythroxylum glaziovii O.E. Schulz Erythrox.  
(8)

fotos

F

Mo

Ny

K

Errect shrub 1.5 m tall  
in disturbed, burned restinga  
forest. Leaves broadly undulate,  
dark green shiny above; very  
pale green, dull beneath.  
Only 10 plants seen. Sterile.

13938. Erythroxylum pulchrum St. Hil.

Erythrox.

(6)

fotos

F  
Mo  
U

Tree 10 m. tall x 30 cm.  
 diameter with light greyish  
 tan, flaking bark. Leaves shiny  
 above, medium to dark green;  
 light green, shiny beneath.  
 Locally common.

13939. Erythroxylum glaziovii O.E. Schulz Erythrox.

(9)

fotos

F  
Ny  
US  
K

Erect shrub 2 m. tall in sunny  
 margin of disturbed restinga  
 forest. Leaves with receding  
 laminae, dark green shiny above,  
 very pale green, dull, beneath.  
 rubbery subcoriaceous  
 texture. Sterile.

FEB 14 1985

13940. Erythroxylum pulchrum St. Hil.

(4)

photos

F  
NY

Shrub 2 m. tall with long spreading horizontal branches starting near ground. Leaves dark green shiny above; light grey shiny beneath. Limbs upcurved. Mature? fruits erect, exposed, light red.

FEB 14 1985

Brazil: Edo. Rio de Janeiro.  
Mun. Cabo Frio. Amazônia de  
Búzios.

Hills above Búzios  
14 Feb 1985.

Coll. T. Plowman + D. S. Dunn de Araújo.

13941. Chiococca. alba (L.) Hitchc. Rubiac.  
(5)

F  
my

Erect shrub 1 m. tall among  
dense branched shrubs on open  
hillside. Stems dark shiny brown.  
Lvs. dark green, shiny, above;  
slightly lighter green, shiny,  
beneath. Fls. cream to pale  
yellow. Mature fruits pure  
white.

13942. Erythroxylum subrotundum St. Hil. Erythrox.  
(5)

F  
MO

Erect shrub 2.5 m tall  
on disturbed hillside thicket.  
Leaves curved with ascending <sup>undulate</sup> lamina, dark green, scarcely shiny.  
pale green, dull beneath with  
paler green midrib. Fl. buds  
pale yellow. Frequent.

FEB 14 1985

13943. Erythroxylum subrotundum St. Hil. Erythrox.

(4)

F  
NY

Erect shrub 1 m tall from  
stump in open disturbed hill-  
side thicket. Leaves with  
ascending laminae, dark green  
above, paler green beneath,  
dull. Sterile.



FEB 20 1985

BRAZIL: Estado do Rio de Janeiro.  
Rio de Janeiro. Bairro de Gávea.  
Parque da Cidade. Mata em cima  
do Museu Historico da Cidade.  
Mata primaria perturbada.

Coll. T. Plowman

20 Feb 1985.

Erythrox.

13945. Erythroxylum cuspidifolium Mart.

(11)

F

fotos NY  
MO  
K  
CEPEC

Arbusto com  $\pm$  4 m. de altura,  
um brófilo. Ramas potentes,  
horizontais. Folhas <sup>discolores</sup> verdes brilhantes  
na face dorsal, verdes muito pálidas,  
não brilhantes na face ventral,  
plano o levemente ondulado na  
margem. Esteril. Abundante no  
subbosque.

13946 Erythroxylum goudichaudii Peyr. Erythrox.

(13)

<sup>subcolumnar</sup>

fotos

F  
NY  
K  
US  
MO  
GIT

G

U

Arbusto com  
~~tronco~~ 2.5 m. de altura

crecendo no subbosque, am-  
brófilo. Caule erecto com ramos cortos  
potentes, horizontais. Folhas dis-  
colores verdes escuros <sup>brilhantes</sup> na face

FEB 20 1985

dorsal com 2 nervedura impressa;  
verde amareladas cores, um  
pouco brilhantes na face ventral  
com 2 margem plana. Flores  
brevistilas, cermes.  
Frutos verdes, imaturos.  
Ocasional. (3 plantas vistas).

13947. Erythroxylum occultum Plowman Erythox.  
(13)

fotos	F	Arvoreta com 2.5 m de
	NY	altura crescendo no subbosque,
	K	ombrofilo. Ramas frondosas,
	MO	pendentes. Folhas <sup>recorrente</sup> discolores,
	GH	verde escuras, levemente
	<del>GH</del>	brilhantes na face dorsal, verde
	<del>GH</del>	pouco mais claro, não brilhantes
U	na face ventral, ondulada na	
US	margem. Steril. Só uma planta	
	vista.	

13947A. E. pulchrum also seen here.  
foto only      Sapling 1-2 m. tall.

FEB 24 1985

BRAZIL: Estado da Bahia. Municipio  
de Salvador. Road from Itapoa  
to airport.

Coll. T. Plowman & I. C. Britto.  
24 Feb 1985.

13948. Chiococca

Rubiac

(15)

Fotos

F-2  
CEPEC  
RB  
MO  
NY  
K  
US

G  
SP  
IPA  
U  
P  
WU  
B

Erect or subscandent shrub 1 to 2.5  
m. tall, growing in dense shrub  
land in dunes. Leaves coriaceous,  
brittle, dark green above, light  
yellow green beneath, shiny on  
both sides, terminal panicle or curved  
downward. Stem yellow green.  
Calyx yellow-green. Corolla in bud  
yellow-green. Immature fruit  
light yellow-green, mature  
fruit white with purplish  
blush.

FEB 24 1985

13949. Pithecolobium filamentosum Benth. Legum.

(5)

det. T. Plowman & C. Niezgodz 1985.

F  
CEPEC

RB

K  
NY

~~Tree~~ Shrub 2 m. tall. Leaves

yellow-green, discolorous.

Fruits dark brown, light tan  
within, locules shiny chestnut  
brown. Seeds white on one end,  
dark grey on other end.

! BARNEBY & GRIMES 1988

13950. Erythroxylum leal-costae Plowman

Erythrox.

(15)

F  
CEPEC

RB

K

NY

MO

US

ALCB

HRB

IPA

GUA

G

SP

LB

P

Shrub 2 m. tall growing in  
shrub island. Branchlets stiff,  
distichous. Lvs. medium to dark  
green above with pale green  
midrib; very pale green beneath  
with <sup>fine</sup> darker green venation.  
Flower buds pale yellow.

13951 Protium

(4)

Buenos

F  
CEPEC  
RB  
NY

Shrub 1.8 m. tall in shrub  
land. Leaves coriaceous, yellowish  
green, somewhat lighter beneath.  
Ripe fruits pale red.

13952. HETEROPTERYS ALTERNIFOLIA W.R. Malpigh. ANDERSON

(4)

F  
CEPEC  
RB  
MICH

Scandent liana 2-3 m. long  
among shrubs on open hilltop &  
dune. Leaves medium to light  
green above, very pale green  
silvery beneath. Fruits pale  
yellow.

---

Town of Itapúa.

13953. Erythroxylum passerinum Mart. Erythrox.

(8)

F  
CEPEC  
RB  
K  
NY  
HRB  
IPA  
US

Treelet 4.5 m. tall growing  
in fence row along small side street.  
Leaves dark green above with pale green  
midrib, slightly shiny lvs. light green  
beneath, shiny. Immature fruits  
green.

FEB 26 1985

BRAZIL: Estado da Bahia. Município de Ilhéus. Ramal que liga Rodovia BR 415 Ilhéus-Itabuna do povoado Japu. Desvio à esquerda, coleta a 2 km da entrada. Fazenda Sultão. Mata estragada. Solo argiloso.  
26 Fev 1985.

Coll. T. Plowman, L.A.M. Silva & T.S. dos Santos.

13954. Erythroxylum martii Peyr.

Erythrox.

(9)

F  
CEPEC  
RB  
NY  
K  
G  
ALCB  
UB  
R

Arvorezinha fina com 3 m. de altura, umbrofila na mata. Folhas discoloras, verdes escuros, brilhantes na face dorsal, verdes amarelados pouco brilhantes na face ventral. <sup>margem</sup>ondulada. Ramos petentes, horizontais. Flores cremes, com pétalas reflexas. Rara.

13955. Erythroxylum mertii Peyr.

Erythrox.

(11)

F  
CEPEC  
RB  
NY  
K  
HRB  
US  
SP  
MBM  
MO  
IPA

Arbusto <sup>fino</sup> com 2.5 m. de altura,  
ombrofila, na mata - Ramas patentes,  
horizontais. Folhas descolores, verdes  
escuras, brilhantes na face dorsal,  
verdes amarelados, menos brilhantes  
na face ventral.\* Frutos maduros  
verdes polidos, brilhantes.

\*margem ondulada.

13956. Erythroxylum columbinum Mart. Erythrox.

(6)

Det. T. Plowman 1985.

F  
CEPEC  
RB  
NY  
K  
IPA

Arbusto 2.5 m. de altura  
ombrofila na mata. Folhas verdes  
escuras brilhantes na face dorsal,  
verde pálido, menos brilhante  
na face ventral.

FEB 26 1985

13957. Erythroxylum <sup>aff.</sup> distortum Mart.

Erythrox.

(5)

F  
CEPEC  
R  
NY

Arbusto <sup>frondoso</sup> 80 cm. de altura  
ombrofilo 1.2 mts. Folhas verdes  
medias, brilhantes na face dorsal,  
verde muito pálidas, menos brilhantes  
na face ventral. Sterile.

13958. Erythroxylum lutes-silvae Plowman Erythrox.

(3)

CEPEC  
F  
NY

SubArbusto (planta jovem) 60 cm de  
altura ombrofilo 1.2 mts. Folhas  
verdes escuras, brilhantes na face  
dorsal, verde claras brilhantes  
na face ventral. Sterile.



FEB 27 1985

BRAZIL: Estado da Bahia: Município de Ilhéus. Ramal novo para o Povoado da Vila Brasil, com entrada no km. 28 da Rodovia Ilhéus/Una, lado direito. Início do ramal km 3. Mts. litorânea, solo argilo-silicoso.

27 Feb 85.

Coll. T. Plowman, L. A. M. Silva and T. S. dos Santos

13959. Erythroxylum cf. mikanii Peyr.

Erythrox.

(15)

fotos.

F  
CEPEC

RB US

K SP

NY IPA

MO U

G GH

P INPA

W B

BOTU

Frequent shrub 1.5 m. tall in understorey of the forest. Branches open, horizontal, lying flat. Leaves shiny dark green above; dull, pale glaucous green beneath with light green midrib\*. Flowers creamy white. Immature fruits pale green, bright shiny red at maturity. \* new shoots light green, translucent, concolorous.

FEB 27 1985

13960. Erythroxylum mottos-silvae Plowman Erythrox.

(5)

det. T. Plowman 1985

Tall <sup>slender</sup> pole shrub 6 m. tall x 2 cm.

① fotos

F

CEPEC

RB

NY

US

diam., branches all near top which arches over. Leaves leathery, dark green, slightly shiny above; light green shinier beneath, with pale green midrib. Calyx light green, thickened; becoming paler, thickened after anthesis. Petals cream. Immature fruit pale green. Only one seen.

= L.A.M. Silva <sup>#21</sup> 1817.

13961. Erythroxylum <sup>f.</sup> mucronatum Benth.

(2)

F  
CEPEC

Evergreen in edge of forest along trail. Leaves dark shiny green above with pale green midrib. pale <sup>dull</sup> green beneath with pale yellow midrib. Sterile.

13962. Erythroxylum ochranthum Mart. Erythrox.

(7)

CEPEC  
F  
RB  
HRB  
NY  
K  
MO

Treelet 4 m. tall in forest understory. Leaves dark green, rather shiny above; <sup>very</sup> pale green, dull beneath. Lvs. heavily damaged. Sterile.

13963. Erythroxylum fenu Plowman

Erythrox.

(5)

F  
CEPEC  
RB  
K  
MO  
~~US~~

Slender shrub 1.8 m. tall in margin of thin forest. Branching open, horizontal. Leaves dark green, shiny above; pale dull glaucous green beneath. Pedicel + calyx pale green. Flower bud and petals yellow-ochre or orangish.

Short styled plant.

FEB 27 1985

BRAZIL: Estado da Bahia: Município de Itiéus. Remel novo para o Povoado de Vila Brasil, com entrada no km 28 da Rodovia Itiéus/Uauá, lado direito. Início do remel, km. 7. Matz litoranea, solo argilo-silicoso.

27 Feb 85

Coll. T. Plowman, L.A.M. Silva + T.S. dos Santos.

13964. Erythroxylum tenue Plowman

(6)

① F  
CEPEC  
RB  
NY  
GH  
SP

Slender shrub 1.5 m. tall in understory of thin forest. Branches thin, horizontal. Leaves dark green, shiny above; pale green, glaucous dull beneath. Petiole + calyx pale green. Corolla buds and petals dull orange. Immature fruits pale green, ellipsoid-oblongoid or falcate. Short-styled plant.

13965. Erythroxylum matto-silvae Plowman  
(8)

fotos  
F  
CEPEC  
RB  
UB  
NY  
K  
HOEFS  
US

Tall slender tree 7 m. tall x 2 cm diameter in thin rather open forest. Branches few, all near top, rather stout, horizontal. Bark dark brown, fissured in rings; inner bark dark red. Leaves subcoriaceous, rubbery, shiny dark green above, midrib prominent, knife edged; leaves pale green beneath, shiny, the midrib concolorous, the venation almost completely obscure.

Ped. <sup>into calyx</sup> thickened, ~~cream or pale green~~, calyx yellow-ochre, ribs greenish. Petals <sup>dull</sup> orange (incl. flower buds. Pedicel/ calyx in young fruit pale yellow. Immature fruits pale green, shiny, turning black on bruising

FEB 27 1985

13966. Erythroxylum cf. columbinum Mart. Erythrox.  
(3)

CEPEC  
F  
NY

Shrub (sapling) 1.5 m. tall in forest understory. Leaves dark green shiny above; pale green, rather shiny beneath. Sterile.

13967. Erythroxylum columbinum Mart. Erythrox.  
(2)

F  
CEPEC

Shrub (sapling?) 1.5 m. tall in forest understory. Leaves dark green, shiny above, pale glaucous green beneath with dark fine nerves.

13968. Erythroxylum ochranthum Mart. Erythrox.  
(16)

F  
fofs CEPEC  
RB  
NY  
K  
IPA  
HRB  
UB  
M  
US

det. T. Plowman 1985

Slender treelet to 7 m tall x 3 cm diameter in this forest, fairly abundant. Crown somewhat spreading but relatively small & open branched. Leaves medium green above, slightly shiny; pale green, ~~gl~~ dull beneath. Stipules rusty brown.

FEB 27 1985

BRAZIL: Estado da Bahia: Município de Ilhéus. Fazenda Barra do Mangueiro, km 12 da Rodovia Pontal/Oliveira (BA 001). Mata raleada em solo arenoso.

27 Feb 1985

Coll. T. Plowman, L.A.M. Silva and T. S. dos Santos

13969. Erythroxylum sp. mikenii Peyr. Erythrox  
(8)

Shrub 2.5 m. tall in disturbed  
forest. Branches thin, horizon-  
tal. Leaves shiny, dark green  
above; pale green dull beneath.  
Flowers in bud, pale green.

foto  
F MO  
CEPEC G  
RB US  
NY  
K

13970. Erythroxylum mottos-silvae Plowman Erythrox

(20)  
ALCB  
MGM  
UB  
SP  
IPA  
UEC  
HAB

Slender shrub to 3 m. tall  
in open area in forest along trail.  
Leaves shiny dark green above,  
with light green midrib; light green  
shiny beneath with distinct venation.  
Pedicel/calyx <sup>dull</sup> yellow. Petals pale

fotos  
F  
CEPEC  
RB  
NY  
MO  
US

K  
G  
P  
M  
LL  
B

FEB 27 1985

yellow. Sterile. Cup cream.

13971. Erythroxylum andrei Plowman Erythrox.  
(5)

F  
CEPEC  
RB  
NY  
K

Erect shrub 2.5 m. tall in  
disturbed open hillside forest.  
Branches stiff, horizontal.  
Leaves dark green, shiny above  
with yellowish green midrib;  
light green, shiny beneath.  
Sterile.

13972. Salzmannia nitida Benth. Rubiac.  
(11)

F-2  
CEPEC  
RB  
NY  
K  
MO  
UB  
US  
SP  
IPA

Sprawling long-scandent shrub  
to 3 m. tall in open disturbed  
thicket. Leaves shiny dark green  
above, shiny light green beneath.  
Buds + inflorescences covered  
with clear resin. Flowers 4  
and 5-merous, dull yellowish.  
Mature fruits bright red, shiny.



13973. Erythroxylum andrei Plowman Erythrox.  
(10)

F  
CEPEC  
RB  
NY  
K  
G  
45  
UEC  
HRB  
IPA

Large shrub 6 m. tall in open sandy clearing. Several trunks. Branchlets ascending, upcurving. Leaves erect, medium green, a little shiny above; light yellow green, shiny beneath.

Flower buds cream. Immature fruits  $\pm$  obovoid-oblongoid, pale green. Occasional in open disturbed areas on hillside.

BRASIL: Estado de Rio de Janeiro.  
Itacarepeguá. Verger Grande.

4 Mar 85

13974. Philodendron <sup>sp. nov.</sup> "santa leopoldina"  
(1) det. J. Mayo 1986.

F Cult. epiphytic herb originally collected in Santa Maria Magdalena. Juvenile. Leaves dark green above, shiny; paler green beneath with purplish cast.

MAR 5 1985

USA: Florida: Dade County. Miami.  
5 Mar 1985.

Garden of Allen Fernandez, 6834 SW  
78 Terrace.

13975. Chamaedorea glaucifolia

Palmeae

(3)

seed-Siam Cult. Slender palm 3 m. tall. Leaflets  
F-3 dark green above, somewhat lighter  
green beneath. Fruiting inflorescence  
rachis bright orange. Fruits shiny  
black.

13976. Aechmea gamosepala Wittmack | Bromel.

(1)

F Cult. bromeliad grown on  
limestone rock. Bracts cream.  
Calyx carmine pink.  
"matchstick"

13977. Begonia

Begon.

(2)

F Cult. herb with decumbent  
fleshy stems. Petiole erect.  
Leaves semi-fleshy, dark green  
above, very pale green beneath  
with yellow green nerves. Peduncle  
tinged pink. Ovary + petals  
white. Stigmas deep yellow.

13978. Begonia

Begon.

(1)

F

Cult. herb with decumbent fleshy stem. Petioles <sup>& peduncle</sup> erect, light green with red streaks and white hairs. Leaves <sup>blady</sup> dark green above, spotted purple-black at lobes on the margin; pale green beneath, spotted dark red along nerves near margin. Flowers pale pink.

13979. Begonia HERACLEIFOLIA SCHLECHT. Begon.

(1)

DET. K. BURT-UTLEY 1988

&amp; CHAM.

F

Cult. herb with fleshy decumbent stem. Petiole & peduncle pale green, heavily spotted with dark red and with white hairs. Leaves dark green above, pale dull red beneath. Bracts pale red. Flowers white with tinge of pink.

13980. Euphorbia milii Desmoul. Euph.

(1) Cult. Armed shrub 1.5 m. tall with

F

latex. Leaves dark green above, light green beneath. Bracts rose pink, gland deep yellow.

MAR 5 1985

8304 Sunbelt Ave.

13981. Chamaedorea oblongata? (INFRUT.) Palmae

(2) C. ELEGANS MART. (LEAF & INFLO.)

DET. D. HOEGL 1990

Cult. slender palm 1-2 m. tall.

Seed - Same

F -

BH

Leaves dark shiny green above,  
concolorous, dull beneath.

Inflo. 3 or more, rachis green,  
flowers light yellow. Fruiting  
rachis bright orange. Fruits  
black.

13982. Drezena compacta?

Liliceae

(2) Cult. Treelet 3-4 m. tall with

arching branching. Flowers in bud  
dull brown.

F  
BH

13983. Chamaedorea SARTORII LIEBM. EX MART. Palmae

(2) Cult. slender palm 3.5 m. tall. Leaves

medium green above, dull; lighter  
green, somewhat shiny beneath.

Inflo. axis pale green. Fls. white.

DET. D. HOEGL 1990

13984. Dianelia caerulea Sims

Liliceae

(1) Cult. rhizomatous herb. Fls. nearly

white with bluish tinge. Anthers  
yellow-orange.

## The Kampong.

13985. Garcinia

Cultif.

(8)

F  
GH  
NY  
BISH  
MO  
BH  
L

Cult. tree 12 m. tall x 30 cm  
DBH with yellow sap. Leaves some-  
what shiny, medium green above,  
slightly lighter green and less shiny  
beneath. Flowers waxy, light  
yellow. New leaves red, shiny.

Chicago, Ill. 20 MAR 85  
Treasure Island

13986. Calceolaria crenatiflora Cav.

F (1)

Cult. herb. Flowers bright  
yellow with dark red spots.

13987. Chamelaucium uncinatum Schauer. Myrt.

(2)

F  
BH

Cut flowers. Petals rose-  
pink, dark red within.  
det. P. Matekaitis 1985.

831 W. Buckingham, Chicago.  
Mar 30, 1985

13988- Crocus 'Snow Bunting

(1) Herb. Fls. white; striped  
F violet within.

13989. Iris denfordiae Boiss.

(1) Bulbous herb. Fls. yellow.  
F

7 Apr 85

13990 Iris reticulata M. Bieb.

(1) Fls. deep blue-violet striped  
F yellow in center of petals.

13991. Helleborus

(2) Perennial herb. Flowers  
F greenish white.

13992. Helleborus viridis

(1) Perennial herb. Flowers  
F light green.

13993. Crocus

(1) Flowers light blue-violet.  
F

14 Apr 85

13994. Trizandrus

- F (1) Delicate bulbous herb. Flowers  
pale shy blue or pale violet.

13995. Tulipa turkestanica Regel

- F (1) Flowers pale yellow to cream,  
yellow at center.

30 APR 1985

13996. Iris reticulata M. Bieb.

- F (1) Sterile plant with mature  
leaves. cf. 13990

13997. Iris dantfordiae Boiss.

- F (1) Sterile plant with mature  
leaves. cf. 13989.

13998. Iris

- F (1) Dwarf rhizomatous iris.  
Fls. deep blue-violet.

13999. Ipheion uniflorum (R. C. Graham) Rafin. Liliac.

- (1) Cult. bulbous herb. Flowers  
pale blue with white centers.

F

14000. Narcissus triandrus L. subsp. Anagall.  
(1) pallidulus (Graells) D.A. Webb. cv. 'April Tears'  
F Cult. bulbous herb. Flowers  
nodding, pale yellow.

~~#~~ 5 MAY 85

14001. Tulipa clusiana DC. Liliac.  
(1) Cult. bulbous herb. Tepale  
F light yellow, abaxially pale  
red with yellow margins.

14002. Asperula odorata L. Rub.  
(1) Sweet Woodruff.  
F Cult. perennial herb.  
Flowers white, fragrant.

↑ reported to F

19 Apr 85

14003. Vince minor L. Aprc.  
(1) Trailing prostrate vine.  
F Flowers reddish purple.

14004. Chionodoxa luciliae Boiss. Liliac.  
(1) Cult. bulbous herb. Flowers  
F ~~pa~~ light blue.



14005. Tulipa turkestanica

Liliac.

F 1 Cult. bulbous herb. Flowers  
pale yellow or cream.

8 MAY 85 Field Museum

14006. Solanum

Solanac.

(1) Cult. scandent shrub, 12.  
F tall. Single terminal fruit  
conical-ovoid, creamy  
white. Flesh white, rather  
mucilaginous, sweet but  
not tasty. Seeds black,  
apparently infertile. Self-pollinated  
see 8036 for flowering specimen.

831 W. Buckingham - 19 MAY 85

14007. Sanguisorba minor L.

Rosac.

(6) Cult. Perennial herb 80 cm tall.  
F from commercial herb source.  
Flowers green. Anthers cream.  
Pistils red.  
"Burnet"

14008. Narcissus <sup>requienii M. J. Roemer</sup>  
~~'Boby' 'Boby'~~

Amaryllid.

F (1) Cult. bulbous herb. Flowers  
deep yellow.

27 MAY 85 - cult. Chicago.

14009. Digitalis lanata E. F. Ehrh. Scroph.

(4)

F Perennial <sup>scapose</sup> herb. - calyx & green.  
NY Corolla tube without area with  
BH pale brown reticulate pattern,  
MO yellow within with some pattern.  
Lip pale white.  
Ex mo. Bot. garden.

14010. Allium oleraceum L.

Lilac.

(1)

F Cult. bulbous herb with  
strong onion smell. Flowers  
bright yellow

14011. Papaver orientale L.

Paper.

(1+1)

F-2

Cult. caespitose herb. Petals  
red-orange with dark brown  
spot apically near base.  
~~Stamens~~ Stamens dark purplish  
brown

14012. Physalis olkekengi Solan.

(1)  
F Cult. rhizomatous perennial  
Herb. Corolla pure white.  
Filaments greenish white.  
Anthers pale yellow.

June 8, 1985.  
New Hampshire

14013. Robinia hispidz L. Legum.

(2)  
F Cult. shrub 1.5 m. on open  
steep road bank. Flowers pale  
LE pink to pale rose, turning bluish  
on drying.

Univ. of New Hampshire, Durham.

14014. Taxus canadensis Marsh.

(3)  
F Shrub or small tree to 3 m.  
LE tall in open woods on gentle  
CORD slope. ♂ + ♀ cones on same plant.

Gilmartin Iron Works

14015. Philonotis fontana (Hetw.) Brid. Mass.

(1) growing in seep along road -  
F side in sandy soil.

Cult. Woburn, Mass.

14016. Disocactus

Cactae.

(\*) Cult. epiphyte. Flowers bright  
F red. Fruits globular, <sup>dark</sup> purple  
at maturity.

Univ. of Chicago 15 June 85

14017. Begonia polygonoides

Begon.

(1)  
F Cult. creeping semi-succulent  
herb. Ovary pale green. Tepals  
white, pale pink near apex. Styles  
yellow tipped red.

14018. Justicia carnea Lindl.

Acanth.

F (1) Erect herb 60 cm. Fls  
rose pink.

H. E. Moore

14019. Sinningia macropoda (T. Sprague)

Gesner.

F (1) Cult. herb. Fls. pale red through-  
out. S. LINEATA (HJELM.) CHAUTEMS  
DET. A. CHAUTEMS 1989

23 June 1985. Chicago.

14020. Opuntia humifusa Raf. Cactac.

F (1) Cult. cactus. Pads dark green.  
Flowers light yellow.

14021. Zantedeschia albomaculata (Hook.) Baill. Arac.

F (1) Cult. bulbous herb. Spathe  
white, turning green in fruit.

3 July 1985.

14022. Napaea dioica L. Malvac.

HUT  
TAE  
BH  
NY

(4) Cult. herb 2 m. tall. Petals  
white.

14023. Tigridio pavonia (L. f.) Dc. Iridac.

F (1) Cult. bulbous herb from  
~~garden source~~ commercial source.  
Flowers creamy yellow.

7 July 1985.

VEN  
INPA  
HUT  
BH  
MG  
RB

14024. Origanum vulgare L. Lab.

4+3 Cult. perennial herb.  
TEX Flowers pale lilac.

14025. Verbena stricta Vent. Verben.

F-2  
HUT

3+3 Adventive perennial herb in garden  
to 1 m. tall. Fls. pale violet.

14026. Papaver

Papav.

- (2) Cult. perennial ornamental  
F purchased as "Oriental Poppy."  
Mo To 70 cm tall. Petals deep red,  
shiny, flower appearing somewhat  
abnormal.

14027. Salvia officinalis L.

(2) "Sage"

- HUTT  
F Cult. suffrutescent perennial  
herb. Foliage aromatic. Flowers  
light violet.

14 July 1985

14028. Macleaya cordata (Willd.) R. Br.

(3) "Plume poppy"

- F  
HUTT  
INPA  
NY Tall glaucous perennial herb  
to 2 m. Flowers creamy  
white with yellow sep.

14029. Anethum graveolens L.

Unkelly

(3)

- INPA  
F  
BH Strong-smelling herb cult. in  
garden. Flowers yellow.

14030. Acidanthera bicolor Hochst.

Iridac.

- (2) Cult. Tall herb from corn from  
F Commercial source. Floral tube light  
BH red-violet. Tepals white with purple  
black spot at base. Filaments white.  
Anthers reddish brown. Very fragrant.

14031. Tropaeolum majus L.

Tropaeac.

- (2) Cult. from seed. Vining  
F herb. Sepals yellow. Petals orange,  
BH dark red at base.

14032. Hemerocallis fulva (L.) L.

Liliac.

- (1) Cult. herb with fleshy roots  
F forming clumps. Tepals abaxially  
pale yellow-green, adaxially dark  
purplish-bronze or coppery.

14033. Hemerocallis fulva (L.) L.

Liliac.

- (1) Cult. herb with fleshy roots  
F forming clumps. Tepals light  
lemon yellow.

14034. Digitalis purpurea L. Scroph.

(1) Common foxglove

F Cult. biennial herb.

Capsules light brown.

14035. Artemisia absinthium L. Comp.

1+J Cult. perennial herb 80 cm.

INPA BH  
F tall. Capitula yellow.  
HUT

21 July 85 - Lincoln Park

14036. Echinops Comp.

(1) Herb 1.1 m. tall. Flowers pale  
F blue.

14037. Crocasmia masoniorum (L.) Bolus) Irid.

(1) N.E. Br.

F Cult. herb. Flowers orange.

14038. Tropaeolum L. Tropae.

(1) Cult. in aquarium.

F Fls. greenish. Frs. germinated  
from Ploumen 13853 after being  
stored in water in refrigerator  
over the winter.



14039. Allium

(2) F Spontaneous in garden. Garlic-  
BH smelling herb.

14040. Zantedeschia rehmannii Engl. Arac.

(1) Cult. herb. Spathe pale pink.

F Spadix white. Spathe turning  
green in fruit.

A.v. pink calla lily

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14 April 1985 - Chicago.

14041. Narcissus

(1) Cult. herb from commercial

F bulbs. Fls. deep yellow

---

28 July 1985 - Chicago.

14042. Eucomis bicolor Baker

Liliac.

(2) Bulbous herb from commercial

F source. Leaves medium green on  
BH both surfaces. Petiole 2-d = abaxial  
midrib pale green with dark purple  
spots. Peduncle yellowish green  
with dark purple stripes. Tepals  
pale green with thin purple margin.  
✓ Filaments purple, anthers pale yellow  
Ovary pale green. Style purple.  
Comose bracts pale green.

14043. Gladiolus

Irid.

- F (1) — Cut flowers purchased in produce market. Flowers deep violet.

14044. Begonia

Begon.

- (1) cult. herb from fleshy tuber.  
F leaves <sup>2d ex.</sup> med. in green with brownish tinge, the veins lighter green; pale green abaxially with reddish tinge. Bracts pale green. Tepals deep lemon yellow. Styles yellow-orange.

2 Aug 85 851 W. Buckingham

14045. Digitalis lanata E. F. Ehrh. Scroph.

- (1) Perennial scapose herb.  
F Capsules brown.  
See 14009 for flowering specimen.

7 Aug 85 USA: Michigan: Ontonagon Co.  
Porcupine Mts. State Park.

14046. Halenia deflexa (M.) Griseb. Gentianeae.

- (2) Slender herb growing on disturbed moist roadside in forested ravine. Flowers light yellow green, spurs purplish.

14047.

Labiata.

- (1) Herb 1 m. tall in open grassy  
F meadow along <sup>mouth</sup> Presque Isle River  
beside Lake Superior. Flowers  
pale red-violet.

Elaeagn.

14048. Shepherdia canadensis (L.) Nutt.

- (1) Low shrub 1 m. tall on  
F rocky outcrop in dry woods  
overlooking Lake of the Clouds.  
Buds rusty brown.

14049. Dirca palustris L.

Thymelae.

- (1) Erect shrub 1.5 m. tall in  
F rich moist woods on slope  
above Lake of the Clouds. Sterile.

14050. Compsaria rotundifolia L.

Composit.

- (1) Delicate slender perennial  
F herb growing from ledges along  
Presque Isle River. Flowers  
light blue-violet.

14051. Solanum dulcamara L.

Solanac.

- (1) Vine ~~stem~~ herb in open roadside  
F thicket along Black River. Corolla  
pure white. Frs. green.

14052. CAREX AUREA NUTT. Cyperac.  
 F (1) Frequent sedge on mud banks  
 along Lake Superior. Fruits orange.  
 DET. A.W. CUSICK 1992

15 Aug 1985. Florida: Alachua Co - Marion Co.  
 Lñl. Rt. US 441.

14053. Vernonia gigantea (Walt.) Trel. ex Branner & Coville Comp.  
 (1) Herb 1.5 m. tall in open  
 F grassy roadside. Rays magenta.  
 det. M.O. Dillon 1986.

14054. Quercus Fagac.  
 (1) Tree 5 m. tall in margin  
 F of woods, 1'

Galactia volubilis (L.) Britt.

14055. Desmodium det. C. Niezgoda 1985. Legum.  
 (3) Wiry vine among herbs  
 F in open grassy roadside.  
 K  
 MBM Flowers magenta.

14056 - 16 Aug 1985. Selby Botanical  
 14122 Gardens, Sarasota, Florida.  
 all cultivated

14056. Cnicus Amaranth.  
 (5) Cult large herb 2 m. tall.  
 F Stem 40 cm tall. Peduncle,  
 SEL flattened, light green exceeding

the leaves. Pedicel and ovary light green. Floral tube pale yellowish green. Tepals white. Filaments and style white at base, distally magenta. Pollen yellow-orange. Immature fruit greenish yellow, shiny

14057. Anthurium lancea Sodiro det. T. Croat 1986. Arec.

(1) Acaulescent. Petiole terete, F medium green. Lf. blade dark green  $\pm$  bullate above, dull; pale green slightly shiny beneath. Peduncle pale green, subterete with 3-shallow "wings". Spathe reflexed, very pale green with faint purple tinge toward apex. Spadix yellow.

Madison et al. 5292. Ecuador: Quito. Purchased from street vendor.

SEL 78-1238.

14058. PL: Iodendron Arec.

(2)  
F  
SEL

Acaulescent, rosulate herb. Petiole terete, H. green. Leaf blade med-green, slightly shiny

above; shiny yellowish green  
beneath. Spathe green in lower  $\frac{1}{2}$ ,  
creamy white in upper  $\frac{1}{2}$ , with  
fragrant Ssp (odor of gardenia!).  
Spadix: ♀ part creamy white;  
♂ part dull salmon colored.


Ecuador: Pichincha. Centinela  
5½ m.

SEL 91-1976-31

det. T. Croat 1985.

14859. Anthurium scrobates Sodiro Arac.

(1) Erect herb with trunk 60

F Can. long. Petiole  in cross-  
section, dark green, dull above,  
very pale green, rather dull  
beneath. Peduncle terete.

Spathe and immature spadix  
light yellow green. Mature  
spadix purplish black.

Ex: Peru: Huánuco, Rio Monzón.

Howman 5900A.(?)


SEL 92-1976-2

14060. Anthurium pohlil

Arac.

(1)

F

Erect herb with stem 15 cm. long. Petiole  in x-section light green. Leaf blade medium green somewhat shiny above and below. Peduncle elliptic in x-section. Spathe erect, pale green. Spadix pale yellow-orange; in fruit pale green. Mature berries translucent white. Ex: Ecuador: El Oro. Pinas.


SEL 79-1293.

14061. Anthurium

Arac.

(1)

F

Rosulate herb. Petiole  in x-section, pale green; Blade dark green shiny above with yellow-green midrib. Very pale yellow-green shiny beneath. Peduncle terete, pale green with rose blush. Spathe adaxially pale rose-pink, abaxially pale green. Spadix very pale green. SEL 77-2128.

Ex: Ecuador: Carchi. Maldonado.

1400 n. M. Madison 3961.

14062. Xanthosoma plowmanii Bogner Arac.

(1)

F

Herb with 3 leaves. Blade dark green above with whitish hairs. very pale green below. Sterile. sometimes with medial white stripe.

SEL 80-362

Ex: Brazil: Pará.

Plowman et al. 8460.

14063. Chlorospatha longipoda

Arac.

(3)

F

SEL

K

Herb with decumbent stems. Leaves velvety dark green above, very pale green beneath. Spathe pale green. Spadix pale creamy yellow.

SEL 82-517

Ex: Ecuador: Rio Napo - Añangu.

Bessey 1638.



14064. Xanthosoma stenospathum Madison Arac.

(#1) Herb with stem 30 cm. long.

F with milky sap and yellow-orange  
NY combium. Leaf blade medium

green dull above, very pale green

Somewhat shiny beneath with  
darker green venation. Spathe pale  
green.

SEL 82-556.

Ex: Peru: Huánuco. La Divisoria.

Plowman + Schumke 11294.

14065. Xanthosoma stenospathum Madison Arac.

(2) Same date as 14064.

F SEL 78-1615.

Ex: Peru: Huánuco. La Divisoria.

Plowman s.n.

= Madison 6969 = TYPE.

14066. Philodendron quitoense Arac.

(2) Climbing herb with stem 1 m.

F long. Petiole terete, lt. green. Lf.

SEL blade shiny, med. green above,

BH shiny pale green beneath.

Spathe dull green. Spadix cream,

with odor of mango or turpentine.

SEL 24-1974-30.

Ex: Ecuador: Pichincha. Rio Palenque.

14067. Anthurium polydactylum Madison Arac.

(1) Type plant

F

Climbing epiphyte. Petiole greyish green. Leaf blade shiny yellowish green above; pale green dull beneath. Sterile.

SEL 62-1976-1

Ex: Peru: Huánuco. Tingo Maria.

Powman & Kennedy 5769.

14068. Anthurium sp. nov.?

Arac.

(1)

F

Acaulescent herb 1 m. tall. Petiole terete, light green, puberulous yellow; blade medium green, shiny above; dull pale yellowish green beneath. Peduncle terete. Spathe shiny, med. green. Spadix dark purple-black. Pollen creamy white. Mature fruits purple black. det. T. Croat 1986.

JEL 78-1149.  
Ex: Ecuador, Prov. Napo. Limoncocha.

14069. Anthurium sp. nov.?

Arac.

(#) Same data as 14068.

F

JEL 78-1126

Ex: Ecuador: Prov. Napo. Limoncocha.

240 m.

det. T. Croat 1986.

14070. Anthurium

Arac.

(1+1) Herb with short stem. Petiole

F

terete, reddish brown; shiny yellowish  
pulvinus; lf. blade dark green  
dull above; rather shiny, light  
green beneath with yellowish  
major nerves. Cataphyll light  
green. Peduncle terete, olive  
green. Spathe light green. Spathe  
nearly white.

14071. Anthurium laciniatum Sodiro Arec.

(3) det. T. Croat 1986.

F Climbing herb. Leaves dull,  
SEL dark green<sup>above</sup>, shiny pale green  
NY beneath; petiole pale green,  
terete. Sterile.

SEL 77-2100

Ex: Ecuador: Prov. Pichincha.

Allurquin - 900 m.

M. Madison 4044.

14072. Anthurium oreophilum Sodiro Arec.

(1) Erect herb with short stem.  
F Petiole terete, light green. Leaves  
corrugate, med-green, dull above,  
paler green, rather shiny beneath.  
Peduncle and spathe light green.  
Spathe dark purple.

SEL 79-2020

Ex: Ecuador: Prov. Gerchi. El. Pailón.

det. T. Croat 1986.

A: RIVULARE SODIRO

DET. T. CROAT 1997

det. T. Croat 1985.

14073 Anthurium incomptum Madison Arac.

- (1)  
F Climbing herb with coarse horizontal aerial roots with light yellow-green tips. Petiole terete, med. green. Leaf blade dark green shiny above; slightly paler green shiny beneath. Peduncle light green. Spathe light green. Spadix purplish black.

SEL 15-1976-43


Ex: Ecuador: Loja. Zamora.

M. Madison 2114.

14074. Anthurium trinerve

Arac.

(2)

- F Sprawling short-stemmed herb.  
SEL Petiole  in x-section, dull petiole green. Blade dark green dull above, paler green dull beneath. Peduncle somewhat angular, pale green. Spathe pale green. Sp. lvs very pale green, turning creamy white in fruit. Ripe fruits pure white.

SEL 80-1263

Ex: Surinam. Ron Determan 34.

14075. Anthurium trinerve Miq.

Arac.


(2)

det. T. Croat 1986.

F  
SEL

Sprawling herb 60 cm. long.

Stem + petioles glaucous, grey-green.

Petiole  in x-section. Blade dark green, dull above, ~~very~~ paler green, dull beneath. Peduncle

terete, olive-green, spathe pale green; spathe greenish white turning very pale (bluish) green, then lavender. Fruits white.

SEL 83-359


Ex: Ecuador: Prov. Napo. Rio Napo.  
Lopuna Taracoa. 250 m.

14076. Anthurium (Tetraspermium) sp. nov?

(2)

Scandent herb 60 cm long.

F  
SEL

Petiole  in x-section. pale green. Blade dark green velvety above, light green, ~~sp~~ shiny beneath. Peduncle terete, light green. Spathe light green. Spadix


SEL 78-1613

Ex: Ecuador: Prov. Carchi. Chicla.

1200 m.

det. T. Croat 1986.

14077. Anthurium trinerve Mig. Arac.  
(1) det. T. Croat 1985.

F Semi-erect herb. Petiole   
in x-section, olive green. Blade  
shiny, dark green above, lighter  
green, shiny beneath. Peduncle  
terete, olive green. Spathe, light  
green with white margin. Spadix  
pale greyish green. Styles cream.  
SEL 83-368

Ex: Ecuador: Prov. Napo. Rio Napo.  
Lupuna Taracoa.

14078. Passiflora

(2) Vine along fence. Bracts  
F light green. Sepals abaxially  
AAU yellowish green, adaxially blue-  
violet. Petals violet. Corona banded  
white + red-violet at base, apically  
blue-violet.

14079 Anthurium kunthii Poepp. Arac.  
(141) det. T. Croat 1985.


F Climbing herb 1.5 m. long.  
Petiole terete dark green; blade  
med. green dull above; paler green  
a little shiny beneath. Peduncle  
brown. Spathe coppery brown.

Spadix grey.

SEL 4-1976-6

Ex: Ecuador: Prov. Napo. Dureno.

14080. Anthurium f. crispipes

(2) climbing herb. Petiole  
F med. green  in x-section.

SEL Lf. Blade undulate, slightly shiny,  
med. green above; paler green dull  
beneath. Peduncle terete,  
spathe coriaceous abaxially  
lt. green; adaxially dark purple  
green at apex. Spadix dark  
purple. Immature fruits  
green.

SEL 80-554

Ex: Brazil: Bahia.

Plowman 10059.



14081. Cyrtosperma johnstonii (Bull.) N.E. Br. Arac.  
(3)

F  
SEL

Coarse caulescent herb 1.5  
m. tall. Petiole ~~to~~ banded  
light + dark reddish brown  
with dull greenish "spines". Leaves  
light green on both surfaces,  
somewhat shiny. Peduncle  
reddish brown with dark brown  
spot and spines. Spadix ~~ob~~exally  
blackish, somewhat shiny; ~~ad~~exally  
pale brownish green. Spadix  
very pale purplish brown with  
cream stigmas.

SEL 77-2912

Ex: Pacific Orchids.

14082. Remusatia vivipara (Lodd.) Schott Arac.

(1)

Stemless herb from bulb.

F

Petiole pale green. Leaf blade  
~~to~~ med. green above, rather shiny,  
with thin yellow-green margin;  
pale green, shiny beneath. Peduncle  
reddish brown. Bulbils yellowish brown.

SEL 78-2041

Ex:

14083. Lasia spinosa

Arac.

(1)

F

Erect herb with short stem. Petiole and peduncle shiny med. green. Leaf blade med. green above, dull; light green, shiny beneath. Old spadix brown.

SEL 53-1975-12

Ex: India

14084. Anthurium oreophilum Sodiro

Arac.

(2)

F

Herb with short stem. Petiole and peduncle terete, light green. lf. blade med. green, slightly shiny above and beneath. Spathe olive green with thin dark purple margin, Spadix purple-black.

SEL 78-1181

Ex: Ecuador: Prov. Carchi. Lita.

600 m

det. T. Croat 1986.

A. RIVULARE SODIRO

DET. T. CROAT 1997


14085. Anthurium hotzkyanum

Arac.

(2)

F  
SEL

Erect herb with short stem.

Petiole pale green,  in x-section. Lf. blade dark green, dull above with light green midrib; medium green, dull beneath with pale green midrib. Peduncle terete, light <sup>yellow</sup> green. Spathe yellowish green. Spadix brown. Ripe fruits ~~purplish~~ blue-black.

SEL 80-555

Ex: Brazil: Bahia.

Plowman 10/26.

14086. Aeschynanthus boschianus

Arac.

(1)

F

Trailing herbaceous vine.

Leaves fleshy, dark green shiny above, very light green beneath. Calyx shiny light green to coppery brown. Corolla light red.

SEL W. S.N.

Ex hort., Wairnes H# 74 P1498.

14087. Aeschynanthus parvifolius R.Br. Genee.

(1) cv. 'Bali Beauty'

F Trailing vine with fleshy  
light green leaves. Immature  
fruits light yellow green.

SEL (W-2124)

ex: Indonesia, Bali, Bodugal.

14088. Ceropegia

Asclep.

(4)

F  
SEL  
BH  
MG

Succulent vine. Base of  
floral tube pale green; upper part  
white with green spots. Top of  
"hat" light yellow green; under-  
side of "hat" pale green spotted  
with darker green to brownish  
spots.

14089. Ruellia graecizans Bockler Acanth.

(1) Erect subshrub 1 m. tall.

F Fls light red. det Plowman 1986.

14090. Porkulaca

Porkulac.

(1) Succulent herb. Fls. yellow.

F

14091. Hoya imperialis Lindl. Asclep.

- (1) Long-scandent vine. Leaves  
F light green above, yellow-green  
beneath. Pedicel pale greenish-  
brown. Flowers thick-waxy.  
petals abaxially tan, adaxially pale  
brownish purple. Corona cream.

14092. Chamaedorea STENOCARPA STANDL. & PALMER

(2) Dwarf ~~Meerow~~ (DET. D. HODEL 1990) STEYERNA.

- F Dwarf palm 30 cm tall.  
SEL Infl. axis light orange, arising  
below leaves near ground.  
Seeds shiny black.

Coll. A. Meerow et al. Costa Rica.  
Las Cruces. May 1981.

14093. Juanulloa Solen.

(2)

- F Scandent epiphytic shrub  
2 m. across. Leaves dark green  
shiny above; dull light green  
beneath. Petioles light yellow-  
orange. Fl. buds orange.

SEL 78-1096

Ex: Ecuador: Prov. Napo. Limoncocha.  
Madison et al. 5488.

Arac.

14094. Dieffenbachia stenophylla Madison ined.

(1)

F

Erect herb. Leaves light green,  
on both surfaces, dull. Spathe  
green, yellowing in fruit.

SEL 77-2242

Ex: Peru: Dept. Loreto. Pebes  
Plowman et al. 7057.

14095. Philodendron rugosum

Arac.

(1)

F

Climbing herb. Petiole terete,  
light green, shiny. Leaf blade  
coriaceous, dark green, somewhat  
shiny above; light green, dull  
beneath. Sterile.

SEL 78-540.

Ex: Ecuador: Prov. Pastaza. Puyo.

14096. Philodendron panduriforme Schott

Arac.

(2)

det. T. Croat 1886.

F

SEL

Climbing herb. Petiole terete  
pale green spotted with slightly  
darker green spot. Lf. blade med.  
green, dull above; pale green dull  
beneath. Spathe pale green, shiny.

14097. Philodendron distantilobum Krause Arac.

(3) det. T. Croat 1985.

F Short-stemmed epiphyte.

SEL

Petiole terete, dark green. Leaf blade dull, dark green above. Somewhat lighter green<sup>d<sup>shiny</sup></sup> beneath with pale yellow lateral nerves. Sterile

SEL 80-585

Ex: Brazil: Pará: Tucuruí.


Plowman et al. 9553A.

14098. Philodendron

Arac.

(2)

F  
SEL

Rosulate epiphyte. Petiole   
in x-section, very pale green with slightly darker green spots. Leaf blade dark green, somewhat shiny above with yellow-green midrib; light yellowish green beneath, slightly shiny. Cataphyll pale green, reddish at middle with yellowish keels. Spathe pale greenish brown in lower half, lt. yellowish green in upper half, red-purple within. Spadix cream, no notable odor.

SEL 75-1976-2.

Ex: Peru: Dept. San Marti. Road  
from Tarpoto to Yurimagues.  
"Plowman 5938."

14099. Arisaema cf. wryi

Arz.

(1)

F

Tuberous herb. Leaves shiny  
light green on both surfaces, petiole  
light tan, mottled snakelike.  
Peduncle pale green. Spathe pale  
green. Ovaries green. Stems purple.  
Appendage light yellow green.

SEL 84-298

Ex: Malaysia. Sabah. Ranau. 1650 m.

14100. Philodendron platypetiolatum

Arz.

(2)

F  
SEL

Climbing herb. Petioles light green,  
strongly compressed. Lf. black dark  
green, ~~but~~ slightly shiny above; light  
green, shiny beneath. Spathe reddish  
at maturity.

SEL 77-2120.

Ex: Ecuador: Prov. Pichincha.




Rio Palenque. M. Madison 3833.

14101. Philodendron

Arac.

(3)  
F  
SEL

Climbing herb; stem with persistent cataphylls. Petiole   
in cross-section, olive green.  
Leaf blade dull, dark green above;  
slightly shiny, yellowish green  
beneath. Spathe creamy white  
tinged reddish in lower half.  
Spathe cream.

SEL 78-1599.

Ex: Ecuador: Prov. Carchi. Chical.  
1200 m.

14102. Philodendron

Arac.

(1)

F

Climbing herb. Petiole flattened  
very pale green with dark green winged  
margins. Lf. blade dark green  
dull above; light green, dull beneath.  
Immature spathe light green.

SEL 79-2008.

Ex: Ecuador: Carchi. El Pailon.  
800 m. Madison 7264.

14103. Philodendron tenue C. Koch Arac.

(2) det. T. Croat 1985.

F Climbing herb with <sup>persistent</sup> ~~marcescent~~  
SEL Cotaphylls. Petiole terete, dark green, finely striate. Leaf blade dark green, rather shiny above; lighter green, slight shiny beneath. Peduncle and base of spadix coriaceous. Lower half of spadix dark green with whitish dots; upper half cream. Spadix cream. The pith of lower half pale pink, cream in upper half.

SEL 78-2068.

Ex: Ecuador: Prov. Esmeraldas.

Lite. 600 m.

14104. Anthurium corrugatum Arac.

(1)

F

Erect herb with short stem. Cotaphyll pale greenish white. Petiole subterete, med. green. Leaf blade yellowish green shiny above; yellowish green dull beneath. Peduncle terete, med. green; Spathe erect, shiny.

pale green. Spadix pale greyish green.

SEL 77-2967

Ex: Ecuador

14105. Philodendron tenue C. Koch Arac.

F (2) Same data as 14103. det T. Croat 1985.  
SEL

SEL 78-1610

Ex: Ecuador: Prov. Esmeraldas.

~~Ex: Ecuador~~ Lit.

14106. Philodendron graciale Arac.

(3)

F  
SEL  
NY

Climbing herb with aerial roots encircling support. Leaves dark green, shiny above; lighter green, shiny beneath. Stem shiny dark green. Peduncle and base of spathe light green. Upper part of spathe creamy white. ♀ part of spadix green; ♂ part cream.

SEL 79-1579

Ex: Brazil: Amazonas. Tabatinga.

L. Besse 2023.

14107. Vigna unguiculata (L.) Walp. Legum.

(2)

F  
BA

Vine trailing on ground. Leaves dark green above, pale green beneath. Mature fruits purplish

14108. Scaevola androgynus (L.) Merr. Euphorb.

(1)

F

Treelet 2 m. tall with erect herbaceous <sup>new</sup> stems. Mature flowers dull red.

U. V. Philippine Weed - grown in edible plant garden.

14109. Anthurium antrophyoides

Arac.

(2)

F  
SEL

Compact herb. Petiole subterete. Leaf blade very dark green shiny above; light yellowish green, less shiny below. Peduncle subterete, light green. Spathe waxy, white. Spadix cream.

SEL 81-2578.

Ex: Colombia: El Valle-Buenaventura.

14110. Chlorospatha

Arac.

- (1) Erect herb with stem 80 cm tall. Leaf blade light green <sup>dull</sup> above, paler green, dull beneath. Lower part of spathe light green, upper part cream. Peduncles light green.

SEL 79-178

Ex:

14111. Chlorospatha atropurpurea

Arac.

- (2) Erect herb 1.5 m. tall. Leaf sheaths + petiole purple-black. Leaf blade dark green, velvety above; ~~red~~ deep purple dull beneath. Peduncle and base of spathe yellowish green. Upper part of spathe cream. Basal third of spadix orange; middle third creamy white with red-purple sterile ~~sp~~ "flowers"; upper third creamy yellow.

SEL 91-1976-33

Ex: Ecuador

Centfidele. 540 m.

14112. Spathiphyllum

Arac.

(1)

F

Cespitose herb. Leaf blade light green above, dull; yellowish green, dull beneath. Spathe light green. Immature fruits and spadix green.

SEL 77-2213

Ex: Ecuador, Pichincha. Rio Palenque.

14113 Cerretia congoensis

Arac.

(1)

F

Scandent herb. Sterile.

SEL 84-356

Ex: Hort. Munich.

14114. Spathiphyllum

Arac.

(1)

F

Cespitose herb. Leaf blade med. green, dull above; pale green, dull beneath. Peduncle med.-green. Spathe yellowish green. Spadix green.

SEL 82-457.

Ex: Ecuador: Napo. Añangu.

Besse 1578.

14115. Homalomena pygmaea

Arac.

(1)

F

Caespitose herb. Stems, petioles,  
peduncle and spathe dull red.  
Spike cream.

SEL 79-1442

Ex: Malaysia: Kuala Lumpur.

14116. Stenospermation sessile Engl. Arac.

(1)

F

Erect herb. Petioles medium  
green. Leaf blade dark green, shiny  
above; <sup>light</sup> yellow green, dull beneath.  
Spike dull yellow.

SEL 77-2181

Ex: Panama: El Valle.

det. T. Croat 1985.

14117. Stenospermation longipetiolatum Engl. Arac.

- (1) Suberect sprawling herb.  
F Leaf blade dark green, slightly  
shiny above; lighter green,  
shiny beneath. Binopuled  
Spathe creamy yellow.  
SEL 44-1976/48.

Ex: Ecuador: Pichincha. Rio  
Palenque. det. T. Croat 1986

14118. HOMALOMENA ANGUSTIFOLIA / PYGMAEA Arac.

(1) DET. D. NICOLSON 1988

- F Cespitose herb. Leaf blade shiny  
med.-green above; pale dull green  
beneath. Spathe green turning  
creamy yellow  
SEL 81-1855  
Ex: Malaysia: Kelantan.

14119. Aglaonema pictum Arac.

(+) cv. 'Tricolor'

- F Erect erect. Leaves variegated  
above, spotted pale grey green,  
chartreuse and dark green;  
dull pale green beneath.  
Spathe yellow green, shiny.  
Spadix cream.



SEL 81-1207

Ex:

14120. Aglaonema

Arac.

F Erect herb. Leaves <sup>dull</sup> pale grey-green above, light green, shiny beneath. Spadix creamy yellow in fruit. Imm. fruit green.

SEL 84-82

Ex:

14121. Dieffenbachia seguine (L.) Schott Arac.  
(1) det. T. Croat 1986.

F Erect coarse herb 1 m. tall. Leaves very dark green, dull above, pale green beneath. Immature spots green.

SEL 79-90

Ex: Ecuador: Napo. Aucas. 240 m.

14122. Dieffenbachia Arac.

- (2) Erect coarse herb, 1 m tall.  
F Petiole and stem dark green.  
SEL Leaf blade dark green, slightly  
shiny above with occasional  
pale yellow-green spots; <sup>↓ p<sub>2</sub> l<sub>2</sub> gr.</sup> Sp<sub>2</sub> six  
light green.
- 

Florida: Sarasota Co. Sarasota.  
18 Aug. 85.

14123. Dactyloctenium aegyptium (L.) Beauv. <sup>grm.</sup>

- (3) Grass in weedy open lot on  
TSC sand. det. G. Davidse 1987.  
F  
MO
- 

Florida: County.  
Myakka State Park.

14124. Ceratophyllum demersum L. Ceratophyll

- (4) det. R. Haynes 1988  
F Floating aquatic herb in  
LWA Lake Myakka.  
OSH

14125. Hydrilla verticillata (L.f.) Royle

- (4) Floating herb in Lake Myakka.  
LWA F  
OSH det. R. Haynes 1988.  
MY

14126. Tillandsia setacea Sw.

Bromel.

- (4) Epiphyte on low branches  
F of live oaks in inundated oak-  
K shell palm forest along river. Bracts  
MO light green. Corolla pale lavender.  
RB det. C. Niezgoda 1985.

14127. Paspalum fluitans (Ell.) Kunth Gram.

- (3) Floating grass at edge of  
F dense riverbank thicket.  
MO det. G. Davidse 1987.  
NY

14128. Hibiscus grandiflorus Michx. Malvac.

- (3) Erect herb 2 m. tall in  
F open flooded riverbank among  
TAES dense grasses. Calyx pale  
K green. Petals pale pink  
red at base. Stamen column  
white. Only one seed.

USA: Florida. Sarasota County.  
Sarasota. "Indianola", 8000 S.  
Tamiami Trail, property of  
Elling Eide.

18 Aug 1985.

Coll. T. Plowman, W.J.E. Kress and  
E. Eide.

14129. Citrus hystrix DC. Rutac

(3) "Keffir orange" "magrud"  
F Cult. tree 6 m. tall. Fruits on  
NY pendulous branches, dark green,  
MD with very oily rind (fleshy). Inner  
rind white, flesh light green, rather  
dry, tasteless.

14130. Citrus medica L. var. Rutac

(3) Sarcodactylis (Noot.) Swingle

F n.v. Hand of Buddha Citron  
MD Cult. Tree 5 m. tall. Calyx light  
BH green, tinged rose. Petals basally  
NY white, apically rose. Filaments  
on abaxial surface, white on  
adaxial surface. Filaments  
white. Stamens yellow.  
Fruits green.

Aurora.

14131. Artabotrys hexapetalus (L.f.) Bhand.

(1) n.v. climbing ylang-ylang

F (Cult. Climber 5 m. tall; shrub-like for 3 m., then climbing by long apical shoot with hook-like peduncles. Fruits shiny, green.

14132. Macadamia integrifolia Maiden + Betcher Proteac

(2) n.v. macadamia nut

F (Cult. Tree 4 m. tall. Fruits medium green, still immature; at maturity brown, dehiscing.

14133. Pereskia sp.

Cactac.

(1)

F (Cult. shrub 1.5 m. tall.

Leaves succulent, green on both surfaces. Flowers small, waxy, dull coppery red.

14134. Cudrania tricuspidata (Carrière)  
(1) Bur. ex Lavallée Morac.  
F

Shrub 1.8 m. tall. Leaves dull,  
dark green above; pale green dull  
beneath. Fruit red;

14135. Lysiloma latisiliqua (L.) Benth. Legum.  
(3) det. C. Niezgodz 1985.  
F Cult. tree 5 m. tall planted  
K near shore. Fruits still green.  
NY

14136. Tamarindus indica L. Legum.  
(2) n.v. tamarind  
F Cult. tree 8 m. tall with  
BH broad spreading branches.  
Sepals <sup>pale</sup> yellow. Petals pale  
yellow with fine, red veins.

14137. Eugenia exillaris (Sw.) Willd. Myrt.  
(2) n.v. white stopper  
F Native shrub 1 m. tall on  
K bank of oyster shell fill on shore,  
Flowers white.

14138. Pterygota alata (Roxb.) R. Br. Stercul.

(1)

F

Cult. tree 6 m. tall. Leaves medium green above; lighter green beneath with reddish major nerves. Sterile.

14139. Diospyros virginiana L. Ebenac.

(5)

n.v. common persimmon

F

Cult. tree 8 m. tall. Leaves

NY

BH

MG

K

dark green above, pale green beneath. Fruits orange at maturity, to 5 cm. diameter, sweet-astringent.

14140. Euphorbia longan (Lour.) Steud. Sapindac.

(2)

n.v. longan

F

BH

Cult. tree 2 m. tall with long spreading branches. Leaves shiny, dark green above with yellowish midrib; lighter green, dull beneath. Fruits brown at maturity with translucent-white, edible soil around shiny, dark brown seed.

14141. Ziziphus jujuba Mill.

Rhamnace.

(1) n.v. "Common jujube"

F Cult. low shrub 80 cm. tall.

Leaves shiny, med. green above;  
lighter green, dull beneath.

Flowers greenish yellow

14142. Canarium album Roensch. Burseraceae

(1) n.v. Chinese White Olive

F Cult. tree 5 m. tall. Leaves

shiny dark green above with  
yellowish midrib, lighter green  
beneath, ~~not~~ less shiny.

Immature fruits olive green.

14143. Punica granatum L.

Punicaceae.

(3) n.v. "pomegranate"

F Cult. treelet 3 m. tall.

BH  
INPA

Fruits pendulous, shiny,  
yellow with rose blush. Seeds  
with juicy pink aril.



14144. Annona glabra L. Annon.  
(2) n. v. Sour sop dt. C. Niessgens 1985.  
F Cult. tree 5 m. tall. Leaves  
BH shiny dark green above; pale  
green, dull beneath. Flower  
buds yellow-green.

14145. Sansevieria Liliac.  
(2) Bowstring Hemp  
F Cult. rhizomatous herb.  
Leaves erect, thick coriaceous,  
beaded in horizontal zigzag  
pattern alternating light and  
dark green. Flowers creamy  
white, fragrant at night.

14146. Markhamia "mozambiquensis" Bignon.  
(2)  
F Cult. tree 4 m. tall. Leaves  
BH dark green above, dull; light  
green beneath, dull. Calyx  
deep yellow. ~~Flowers~~ <sup>Corolla</sup> bright  
yellow.

Lycianthes rantonnei (Carr. ex Lesc.) Bitter

14147. Solanum rantonnetii Carrière Solanec.

(3) det. M. Noel 1985.

F Cult. shrub 2 m. tall.  
BH  
MO Corolla deep violet

14148. Podocarpus nagi (Thunb.) Zoll. &

(3) Moritzzi ex Mak, Podocarp.

F Cult. Columnar tree 6 m. tall.  
BH  
IMMATURE  
RB Immature "fruits" green with  
bluish waxy covering.

14148A Manilkara zapota (L.) Van Royen Sapot.

(2)

F Cult. Treelet 2 m. tall.

BH Calyx pale brown. Corolla  
creamy white. Abundant  
latex in stem.

h.v. Sapodilla

14149. Cissua TRIFOLIATA (L.) L.

Vitce

(3)

F Wild-growing vine in open  
NY thickets on shore. Leaves fleshy,  
MO greyish green to med. green.  
Petioles and aerial roots reddish.  
Flowers pale yellow.

14150. Ludwigia PERUVIANA (L.) HARA

Onagr.

(3)

DET T. PLOWMAN 1986

F Tall herb to 4 m in open  
MO swampy area. Flowers yellow.  
NY

14151. Ziziphus jujuba Mill.

Rhamn.

(3)

"n.v." Common jujube

F Cult. shrub 1.5 m. tall.  
BH Stem with dark brown thorns.  
MO Leaves shiny, med. green above;  
paler green, dull beneath.  
Fruits dull red.

14152. Avicennia germinans (L.) L. Verb.

(2) det. C. Niezgoda 1985.

F Native mangrove, ~~thicket~~  
HBM shrub 2 m. tall. Flowers  
creamy white, Immature  
fruits pale green.

14153. Callitris sp.

Cupressac.

(1) hv. cypress pine

F Cult. Columnar tree 6 m.  
tall. Ex USDA distribution

14154. Nicodemia diversifolia Tenore Logani.

(3) Cult. low spreading shrub.

F Flowers <sup>tube</sup> cream, lobes yellow.

BH "porlor oak" - white berries  
SEL det. T. Plowman 1986.

14155. Laguncularia racemosa Gaertn. f. Combret.

(2) det. C. Niezgoda 1985.

F Native shrub 3 m. tall in mangrove  
ny area. Immature fruits pale  
green.

SSP. MACROCARPA

14156. Jacquinia MACROCARPA CAV. Theophrast

(1) Cult. shrub 2 m. tall.

F Sterile. DET. B. STAHL 1990

14157. Eugenia

Myrtac

(3) Syzygium paniculatum Gaertn.

F Cult. shrub 3 m. tall.

BH leaves rather shiny, dark green  
NY above; rather shiny, light green  
beneath. Fruits deep rose  
colored, pendulous.

14158. Averrhoa carambola L.

Oxalidac.

(4) n.v. carambola

F Cult. treelet 4 m. tall.

BH Infl. branches and calyx  
deep carmine red. Petals rose  
pink. Fruits yellow.

14158A Thevetia peruviana (Pers.) K. Schum. Apoc.

(3)

F

BH

Mo

Cult. treelet 3.5 m. tall.  
Flowers pale <sup>pink to</sup> yellow. Immature  
fruits pale green.

14159. Prunus umbellata Ell.

Rosac.

(2)

F  
ny

Tree 8 m. tall with spreading  
crown. Nearly mature fruits  
yellow-orange.  
"Native Plum"

14160. Lagerstroemia speciosa (L.) Pers. Lythrac.

(2)

F

BH

Cult. treelet 4 m. tall  
with spreading crown. Flowers  
pale violet.

14161. Brachychiton populneum R. Br. Stercul.

(3)

F

Mo

~~ny~~

BH

Cult. tree 10 m. tall with  
trunk bellied toward base  
Sterile.

14162. Passiflora coriacea Juss. Passifloraceae

- (2) Cult. vine. Stem dark brownish  
F purple. Leaves shiny dark green  
AAU above with pale green spots;  
light green beneath. Sepals  
light green. Corolla brownish  
purple at base, pale green at  
middle, yellow apically. Center  
of flower purplish brown.  
Stamens and styles lt. green.  
Ovary cream.

14163. Tipuana tipu (Benth.) O. Kuntze Legum.

- (2) det. C. Niezgoda 1985.  
F Cult. tree 12 m. tall. Leaves  
BH dull, bluish green above; dull  
very pale green beneath.  
Fruits lt. yellowish green.

14164. Peltophorum dubium (Spreng.) Taub. Legum.

- (2) det. C. Niezgoda 1985.  
F Cult. tree 8 m. tall. Leaflets  
BH shiny dark green above; pale green, dull  
beneath. Fruits light yellow-  
green.

14165. Firmiana simplex (L.) Wight & Ait.  
(4) n.v. Phoenix Tree.

F-2 Cult. tree 8 m. tall with  
BH-2 greyish green trunk. Leaves  
dark green, dull above;  
dull greyish green beneath.  
Dried fruits brown.

14166. Vitis vinifera L. Vitace.

(2) n.v. Grapes.

F Cult. vine on trellis.  
Mature fruits pale greenish-  
gold, shiny, rather metallic.  
Very sweet.

14167. Muntingia calabura L. Tiliac.

(2) n.v. Capulin

F Cult. tree 5 m. tall. Flowers  
BH White. Fruits shiny, dull  
red at maturity.

Florida collections  
reported to Alfreda



20 Aug 1985. Chicago.

14168. Houttuynia cordata Thunb. Saururac.  
(1) Cult. Bracts white. Spike pale.  
F yellow. Roots strongly foetid.

25 Aug 1985.

14169. Brumfelsia jamaicensis (Benth.) Griseb.  
(2) (Plowman 3361 ♀) × B. plicata  
Urban (Plowman 5222).  
F NY -

From cross made at Burlington  
Botanical Research Station, Woburn,  
MA., 1 Jul 1975. Seeds planted  
1 Jul 1976.  
→ Kress, SEL  
25 Aug 1985

14170. Brumfelsia jamaicensis (Benth.) Griseb. (Pl. 3361)

F (2) × B. plicata Urban (Plowman 5222)  
BH Same data as 14169. Different  
→ R. Montgomery seedling.  
25 Aug 85

14171. Brumfelsia jamaicensis (Benth.) Griseb. (Pl. 3361)

F (2) × B. plicata Urban (Plowman 5222)  
MO Same data as 14169. Different  
Seedling.

→ Kampong  
25 Aug 85

28 Aug 85 3500 n. Reta Ave.

14172. Begonia

Begon.

(3)

F

BH

MO

Cult. herb from commercial tubers.  
Bracts and perianth deep red.

28 Aug 85. Chicago.

14173. Remusatia vivipara (Lodd.) Schott Arac.

F (3)

BH

NY

Cult. herb grown from  
bulbils obtained at Selby Gardens.  
Planted 5 Jan 1984.  
Spikes pale green.

14174. Brunfelsia undulata Sw. Solanac.

(3)

Cult. shrub 1.2 m. tall in  
erect-arching branches. Calyx  
pale green. Corolla cream  
white, yellowing with age.

TEX

PMA

G

CHARA

Cutting of Plowman <sup>3002</sup>~~3350~~ from  
Ponce, Puerto Rico.

Also = 7974, 3350.

8 Sept 1985. Chicago. 831 W. Buckingham St.

14175. Kaempferia Zingib.

- (1) Cult. rhizomatous herb.  
Leaves dark velvety green above,  
mottled with lighter green spots,  
darker green at middle; pale green  
throughout below. Petiole  
and bracts reddish purple.  
Corolla tube white, limb pale  
violet, white at throat.  
Received from Melvin Shemluck.

14176. Acridanthera bicolor Hochst. Iridac.

- (2) Cult. tall herb from corn,  
commercial source. Sepals  
brown at maturity.

F  
MO

See Plowman 14030 for flowering  
specimen.

Lilic.

14177. Allium tuberosum Rottl. ex K. Spreng.

- (4) n.v. "Chinese Chives", "Oriental  
garlic."

F  
BH  
NY  
TEX

Clump-forming cultivated  
herb with garlicky odor. Leaves  
flat, solid. Flowers white.

Tetragoniace.

14178. Tetragonia tetragonioides  
(2) (Pell.) O. Kuntze

F  
BH

Cult. trailing. herb.  
Flowers yellowish.  
n.v. New Zealand spinach - grown  
as a vegetable.

14179. Hibiscus moscheutos L. Malvace.

(3)

F  
BH  
SPF

Cult. ornamental herb 50 cm.  
tall. Capsules brown.  
See Plowman 13844 for flowering  
specimen.

3 October 1985.

3311 N. Seeley Ave, Chicago, Ill.

14180. Menispermum condensense L. Menisperm.

(5)

F  
BH  
RB  
MO  
NY

Cultivated woody vine. Leaves  
dull, dark green above; whitish  
pale green beneath. Mature  
fruits blue-black with whitish  
bloom, to 1.2 cm. diameter.

14181. Pellaea viridis (Forsk.) Prantl

F (1) Cult. fern. det. R.G. Stolze 1985.

14182. Begonia

Begonia

(1)

F Cult. tuberous begonia from commercial source. Flowers pale yellow.

Kew Gardens, Richmond, Surrey,  
England 18 Nov 1985.

14183. Decaisnea insignis Hook.f. + Thoms. Lordig.

(1) Cult. weak shrub 2.5 m. tall.

F Fruits pendulous, pale greyish-purple.

seeds → Mo  
26 Jan 86.

(fruits only) → D. fargesii Franch.

Chicago, Ill. 30 Nov 1985.

14184. Ananas comosus (L.) Merr. Brom.

(1)

F Cult. ornamental sold as flower arrangement. Bracts on fruit pale pink. Fruit cream. Comose bracts white.

17 MAR 86 - Chicago.

14185. Asparagus officinalis L. Liliac.

(1) Purchased in supermarket.

14186. obregonia denegrii Cactac.

(1)

F Cactus cult. at Field Museum.

(fr. coll.) From collection of George Wilder.

14187.

Cactac.

(1)

F Cactus cult. at Field Museum.

From George Wilder Collection.  
Sterile.

21 Apr 86

14188. Akebia quinata (Houtt.) Decne. Lardizab.

(9)

Cult. woody vine originally  
from Arnold Arboretum.

Pistillate fls: sepals deep  
purple. Stominate fls: buds  
yellow-green to deep purple.

F  
BH  
MO  
NY  
MBM  
COL  
RB  
CR

Chicago, Ill. 3311 N. Seeley. 1 June 86.

14189.

Fungi

(1)

~~NY~~ F Growing on <sup>bare</sup> sandy-clay soil (recently turned raised bed), cream-colored with tinge of pink, consistency of toothpaste.

Same Locality. 6 June 1986.

14190. Menispermum canadense L. Menisp.

(15)

F MBM  
NY CR  
MO XAL  
BH WIS  
A-JP COL  
RB VEN  
INPA WAG  
HUT

Cultivated wiry vine of a fence.  
Leaves medium green above, pale green beneath. Flowers greenish yellow.

No ♂ fls. seen.

See 14180 for Fruiting material.

14191. Lupinus Legum.

(1)

cv. 'Russell's Hybrid'

F Cult. perennial herb 1 m tall.  
Banner and keel white, wings ~~red~~ violet.

16 June 86. - Chicago.

14192. Incarvillea delavayi Bur. + Franch. Bignon.  
(2) det. A. Gentry 1986.

F  
Mo

Cult. tuberous-rooted, ac-  
cescent herb. Leaves dark green,  
somewhat shiny above, pale  
green beneath. Corolla tube  
deep yellow at base, pale lavender  
apically. Limb pale magenta, deep  
magenta at throat, the tube  
yellow within with magenta  
streaks.



27 July 1986.

USA: Illinois: Cook Co. Chicago.  
3311 N. Seeley. Garden.

14193. Dimorphotheca sinuata DC.

Comp.

(2)

F Cult. branched herb 60 cm. tall.

BH Rays orange, dark purple at  
base. Disc yellow. Grown from seed  
collected in Namaqualand, South Africa, by  
Thomas Soderstrom.

14194. Dimorphotheca pluvialis (L.) Moench. Comp.

(10)

F Cult. branched herb to 60 cm.  
BH tall. Rays adaxially white dark  
NY purple at base, abaxially <sup>purple</sup> brownish.  
MO Disc florets yellow. Rays closing  
TEX in evening.

MBM Grown from seed collected wild  
COL in Namaqualand, South Africa  
WIS by Thomas Soderstrom.  
RB  
A-JP  
MF

14195. Sisymbrium altissimum L. Crucif.

(5) det. C. Niezgodz 1987.

F  
MO  
GTH

MEXU  
MBM

Volunteer herb ca. 1 m. tall  
in flower garden. Flowers yellow.

14196. Nigella damascena L. Ranunc.

(8)

F  
GUAM  
BH  
MO  
MBM  
NY  
AAH  
TEX  
XAL

n.v. "Persian Jewels"

Cult. annual ornamental  
herb 80 cm. tall. Flowers pale  
blue or white. Fruits immature,  
pale green tinged brown.

14197. Moluccella laevis L. Labiat.

(3)

F  
GUAM  
COL

n.v. Bells of Ireland

Cult. annual ornamental  
herb to 90 cm. tall. Enlarged  
calyx pale green. Upper lip  
of corolla lavender, lower  
lip white.

14198. Physalis peruviana L.

Solanec.

(5)

F  
GB  
NY  
BH  
MEXU

Cult. coarse herb 1.2 m. tall x  
1.5 m. diameter. Flowers pendu-  
lous. Corolla pale yellow with  
5 brownish spots within. Limb  
recurved. Inflated calyx  
light green with purplish ribs.  
Imm. fruit. light green.

14199. Mentha pulegium L.

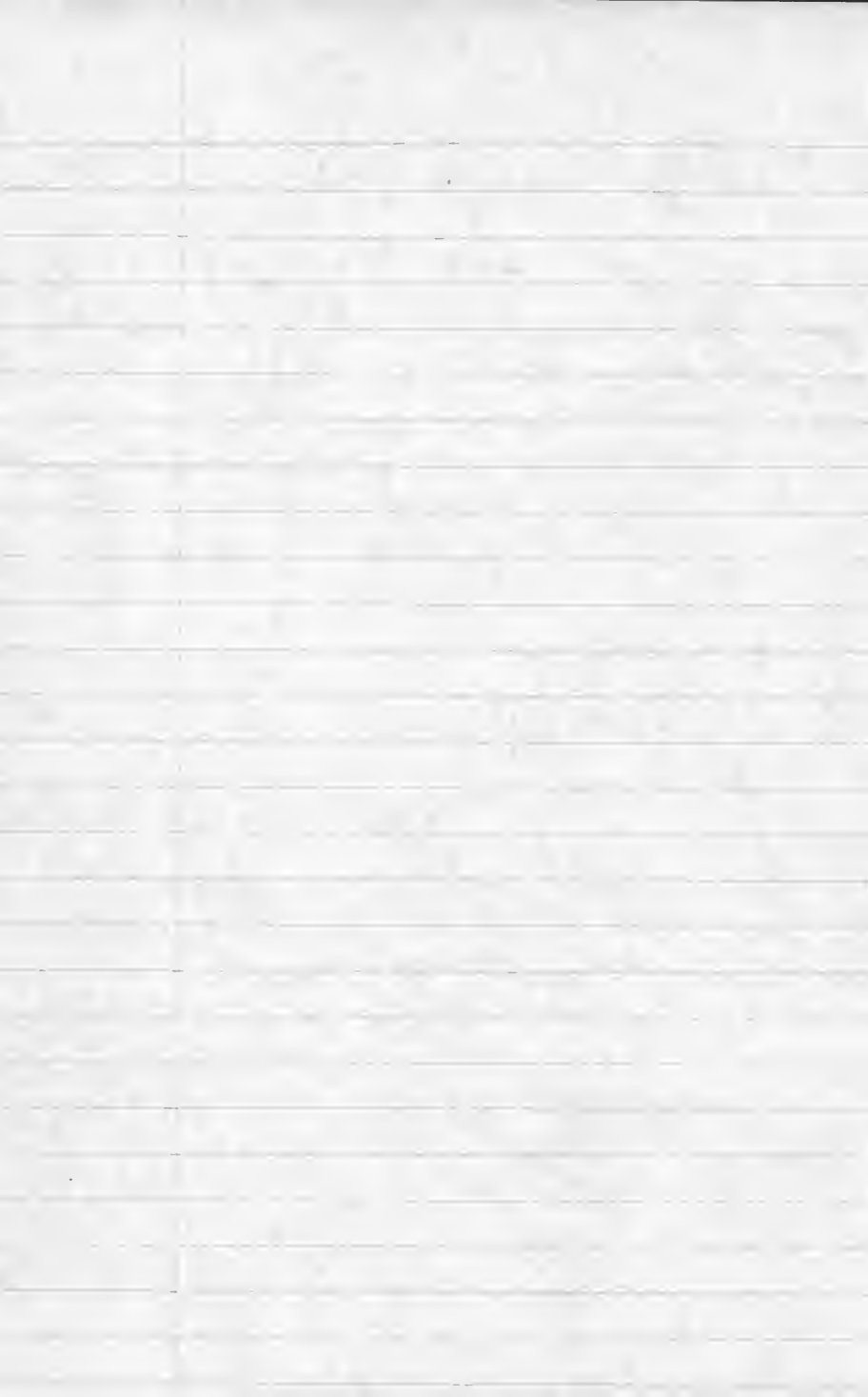
Labiata.

(6)

F  
GUAM  
BH  
MO  
XAL  
MBM

Cult. aromatic herb. Flowers  
lavender. Leaves strongly  
aromatic.

n.v. European Pennyroyal





(V) specimen missing

- |                       |                             |
|-----------------------|-----------------------------|
| ✓ 1362 Cruc.          | ✓ 1659 Gramin.              |
| ✓ 1370 Scroph.        | ✓ 1677 Fung.                |
| 1374 Amer. - Comarac. | ✓ 1696 Renunc.              |
| 1375 Barnadesia       | ✓ 1716 Scroph.              |
| 1411 Oxalis           | ✓ 1727 Chenopod.            |
| 1422 Barnadesia       | ✓ 1747 ?                    |
| 1448 Comarac.         | ✓ 1755 - Apoc.              |
| 1458 Asclep.          | ✓ 1780 - Lichen             |
| ✓ 1468 ?              | ✓ 1785 - Peperomia          |
| 1484 Oxalis           | ✓ 1812 - Bryophyte          |
| 1498 Helianthus?      | ✓ 1822 - Lichen             |
| 1502 Bidens           | 127 Crucif.                 |
| ✓ 1505 Medicago?      | ✓ 129 ?                     |
| ✓ 1510 ?              | ✓ 141 Fern                  |
| 1512 Asclep.          | ✓ 148 Hepat.                |
| 1513 Crucif.          | 177 <u>Ribes</u> (check NY) |
| ✓ 1526 Comp.          | 194 Oxalis                  |
| ✓ 1527 ?              | ✓ 219 Lichen                |
| ? 1531 Bartsia        | ✓ 221 "                     |
| 1551 Astragalus       | ✓ 222 ?                     |
| 1553 Bartsia          | ✓ 230 Lichen                |
| 1558 Crucif.          | ✓ 263 Hepat.                |
| 1567 Lupinus          | (254 Leg - Phaseolus        |
| 1580 Oxalis           | ✓ 271 Algae                 |
| ✓ 1611 Mimulus        | ✓ 283 Lichen                |
| 1618 Gentianac.       | ✓ 284 Lichen                |
| 1623 Oxalis           | 290 orchid.                 |
| 1653 Orchid.          | ✓ 292 Lichen                |
|                       | 314 Crucif.                 |



